

2016/2017

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UNDERGRAD

Undergraduate Catalog

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THOMAS EDISON
STATE UNIVERSITY

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The Thomas Edison State University *Undergraduate Catalog* is published annually and provides a summary of University policies, procedures, programs and services as well as course descriptions, course registration materials and forms, and registration schedules for the academic year.

Content for this *Catalog* was current as of July 1, 2016. While every effort has been made to ensure the accuracy of the information contained in this publication, the University reserves the right to make changes without prior notice. The *Catalog* is not a contract, but rather it is a guide for the convenience of our students. The University reserves the right to change or withdraw areas of study and courses or eliminate departments or programs, without notice. The University also retains the discretion to change fees, registration, graduation and other rules affecting the student body, at any time.

For prospective students, the University publishes an *Undergraduate Prospectus*, *Graduate Prospectus* and a *W. Cary Edwards School of Nursing Prospectus*. These publications include admissions information that can be found online at www.tesu.edu. Enrolled students also receive *Signals*, a newsletter that contains program updates. *Signals* can be viewed online as well. Graduate students can learn of program changes and current news online through myEdison®, the University's course management system and the *Graduate Catalog*.

Each student is held responsible for the information contained in this *Catalog*. Failure to read and comply with University regulations does not exempt the student from this responsibility.

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message from the president

Welcome to Thomas Edison State University!

For more than four decades, we have had only one mission — to provide flexible, high-quality, collegiate learning opportunities for self-directed adults.

Today, this mission remains at the heart of everything we do.

Our *Undergraduate Catalog* articulates the academic policies that will govern your educational experience at Thomas Edison State University and provides a description and summary of requirements for the undergraduate degree and certificate programs offered by the University. In addition, this publication includes information on the learning outcomes objectives for our academic enterprise, methods for earning credit and information on the School of Applied Science and Technology, the Heavin School of Arts and Sciences, the School of Business and Management, the W. Cary Edwards School of Nursing and the John S. Watson School of Public Service and Continuing Studies.

Since our inception in 1972, Thomas Edison State University has helped more than 50,000 adults achieve their dreams of earning a college degree.

I am pleased to welcome you to our University family, and I wish you well as you pursue your educational goals.

Sincerely,



George A. Pruitt
President



2016-2017 Academic Calendar

TERM	JULY 2016	AUG. 2016	SEPT. 2016	OCT. 2016	NOV. 2016	DEC. 2016
Registration Dates	May 25 - June 18, 2016	June 24 - July 16, 2016	July 22 - Aug. 13, 2016	Aug. 19 - Sept. 10, 2016	Sept. 16 - Oct. 8, 2016	Oct. 14 - Nov. 12, 2016
Late Registration	June 19 - 23, 2016	July 17 - 21, 2016	Aug. 14 - 18, 2016	Sept. 11 - 15, 2016	Oct. 9 - 13, 2016	Nov. 13 - 17, 2016
Course Transfer Period	May 27 - July 9, 2016	June 24 - Aug. 5, 2016	July 22 - Sept. 2, 2016	Aug. 19 - Sept. 30, 2016	Sept. 16 - Nov. 4, 2016	Oct. 14 - Dec. 2, 2016
Deadline for 100% tuition refund	July 4, 2016	July 31, 2016	Aug. 28, 2016	Sept. 25, 2016	Oct. 30, 2016	Nov. 27, 2016
Term Start Date	July 5, 2016	Aug. 1, 2016	Aug. 29, 2016	Sept. 26, 2016	Oct. 31, 2016	Nov. 28, 2016
Deadline for 75% tuition refund	July 11, 2016	Aug. 7, 2016	Sept. 4, 2016	Oct. 2, 2016	Nov. 6, 2016	Dec. 4, 2016
Deadline for 50% tuition refund	July 18, 2016	Aug. 14, 2016	Sept. 11, 2016	Oct. 9, 2016	Nov. 13, 2016	Dec. 11, 2016
Deadline for 25% tuition refund	July 25, 2016	Aug. 21, 2016	Sept. 18, 2016	Oct. 16, 2016	Nov. 20, 2016	Dec. 18, 2016
End of 6 week lab term	Aug. 14, 2016	Sept. 11, 2016	Oct. 9, 2016	Nov. 6, 2016	Dec. 11, 2016	Jan. 8, 2017
Midterm exam week for select 12 week courses	Aug. 15 - 21, 2016	Sept. 12 - 18, 2016	Oct. 10 - 16, 2016	Nov. 7 - 13, 2016	Dec. 12 - 18, 2016	Jan. 9 - 15, 2017
Final exam week for select courses	Sept. 19 - 25, 2016	Oct. 17 - 23, 2016	Nov. 14 - 20, 2016	Dec. 12 - 18, 2016	Jan. 16 - 22, 2017	Feb. 13 - 19, 2017
Term ends	Sept. 25, 2016	Oct. 23, 2016	Nov. 20, 2016	Dec. 18, 2016	Jan. 22, 2017	Feb. 19, 2017
Final grades available	Oct. 4, 2016	Nov. 1, 2016	Nov. 29, 2016	Jan. 3, 2017	Jan. 31, 2017	Feb. 28, 2017
TERM	JAN. 2017	FEB. 2017	MARCH 2017	APRIL 2017	MAY 2017	JUNE 2017
Registration Dates	Nov. 18 - Dec. 10, 2016	Dec. 16, 2016 - Jan. 14, 2017	Jan. 20 - Feb. 18, 2017	Feb. 24 - March 18, 2017	March 24 - April 15, 2017	April 21 - May 20, 2017
Late Registration	Dec. 11 - 15, 2016	Jan. 15 - 19, 2017	Feb. 19 - 23, 2017	March 19 - 23, 2017	April 16 - 20, 2017	May 21 - 25, 2017
Course Transfer Period	Nov. 18, 2016 - Jan. 7, 2017	Dec. 16, 2016 - Feb. 3, 2017	Jan. 27 - March 10, 2017	Feb. 24 - April 7, 2017	March 24 - May 5, 2017	April 21 - June 9, 2017
Deadline for 100% tuition refund	Jan. 2, 2017	Jan. 24, 2017	March 5, 2017	April 2, 2017	April 30, 2017	June 4, 2017
Term Start Date	Jan. 3, 2017	Jan. 30, 2017	March 6, 2017	April 3, 2017	May 1, 2017	June 5, 2017
Deadline for 75% tuition refund	Jan. 9, 2017	Feb. 6, 2017	March 12, 2017	April 9, 2017	May 7, 2017	June 11, 2017
Deadline for 50% tuition refund	Jan. 16, 2017	Feb. 13, 2017	March 19, 2017	April 16, 2017	May 14, 2017	June 18, 2017
Deadline for 25% tuition refund	Jan. 23, 2017	Feb. 20, 2017	March 26, 2017	April 23, 2017	May 21, 2017	June 25, 2017
End of 6 week lab term	Jan. 8, 2017	March 12, 2017	April 16, 2017	May 14, 2017	June 11, 2017	July 16, 2017
Midterm exam week for select courses	Feb. 13 - 19, 2017	March 13 - 19, 2017	April 17 - 23, 2017	May 15 - 21, 2017	June 12 - 18, 2017	July 17 - 23, 2017
Final exam week for select courses	March 20 - 26, 2017	April 17 - 23, 2017	May 22 - 28, 2017	June 19 - 25, 2017	July 17 - 23, 2017	Aug. 21 - 27, 2017
Term ends	March 26, 2017	April 23, 2017	May 28, 2017	June 25, 2017	July 23, 2017	Aug. 27, 2017
Final grades available	April 4, 2017	May 2, 2017	June 6, 2017	July 5, 2017	Aug. 1, 2017	Sept. 6, 2017

section 1

Methods of Learning and Earning Credit

ABOUT OUR COURSES

www.tesu.edu/academics/catalog/About-Our-Courses.cfm

The course lists and descriptions contained in this *Catalog* cite the offerings beginning with the July 2016 semester. It is occasionally necessary, and the University retains the right, to withdraw, modify or add courses to the existing list during the academic year without prior notice. For updates on course offerings, visit www.tesu.edu/courses or call (888) 442-8372.

For many courses, you have options regarding the method of learning.

Which option you choose will determine how you correspond with your mentor, how you deliver your assignments and how you receive graded assignments in return. In the case of on-line courses, the choice involves a commitment to an interactive, web-based format, with the opportunity to communicate with other students enrolled in the course and to take advantage of web resources pertinent to the course. In the case of e-Pack® courses, you choose to prepare independently for an examination that will assess your understanding of the course material. To learn which of the following options is available for a particular course, look for the list of course codes included with each course description in this book. The suffix attached to the course code indicates the delivery method.

Students may register for courses in several different formats: Guided Study, online and prior learning assessment (PLA). These approaches have proven most successful with well-motivated, self-disciplined individuals who enjoy learning independently.

Additionally, students may register for courses offered by other regionally accredited colleges, independent study and distance education courses or traditional classroom courses.

UNDERGRADUATE COURSE OPTIONS

Most courses are offered every semester, but there are exceptions such as nursing courses, which are offered four times a year. For updates, please visit www.tesu.edu/courses.

You may preview online syllabus — and get detailed information on individual TECEP® examinations — at the University website. Go to www.tesu.edu/courses and select the appropriate area. Choose the course in which you are interested. If you do not see a specific course listed under PLA, Guided Study, TECEP®, e-Pack® or online, you will know that the course is not offered in that format.

New courses, particularly online courses, will be added to Thomas Edison State University offerings throughout the year. Visit the University website for updates. To ensure that a course satisfies your specific degree requirements, please confirm with your academic advisor. PLA options that allow you to earn credit for what you already know are available for almost every course, with the exception of Capstone courses.

EP = e-Pack® (12 weeks)

GS = Guided Study (12 weeks)

NU = Nursing (12 weeks)

NG = Nursing Graduate (12 weeks)

OL = Online (most are 12 weeks)

PA = Portfolio Assessment (single course, 12-week process)

PF = Portfolio Assessment (PLA-100/PLA-200 process)

SD = Self-Directed (12 weeks)

TE = TECEP® Examination

COURSE ENGAGEMENT

Students attending Thomas Edison State University are expected to participate and fully engage in all academically related activities. Examples of these activities include making submissions to online discussion boards, communicating within the class lounge forum, dialoguing with mentors within the private mentor forum, submitting assignments, and completing exams and quizzes when due. Students must review course calendars for the timing and types of submissions expected.

NOTE: Merely logging into or viewing your courses does not constitute academic engagement.

The University will periodically review student progress and engagement during each term. Failure to sign into your courses and complete your scheduled course work on time may result in an adjustment or termination of federally sponsored financial support, such as Military Tuition Assistance, Veterans Education Benefits or other Title IV Financial Aid (grants and loans). Such decertification or adjustments may lead to cancellation of benefits or recoupment by the sponsoring agency for any monies paid to students (or to the University on student's behalf) for enrolling in these

courses, including tuition, fees, housing allowance and book stipends. Such cancellation or recoupment does not negate the student's financial obligation to the University; they may be held responsible for all charges incurred for the courses in which they are enrolled.

System Requirement: If you plan to register for OL, EP, PA, PF, NU, NG or SD, see About Online Courses for minimum system requirements.

Guided Study courses allow independent learning in a structured 12-week format. In Guided Study courses, your understanding of the subject matter presented in your course materials will be assessed through the assignments you submit to your mentor and through examinations or final projects. Most Guided Study courses include a midterm and a final examination or final project. Your mentor will assign a grade for the course based on all assignments and the examinations, according to the formula described in the Course Manual. Zero is assigned for each assignment not completed.

ABOUT GUIDED STUDY COURSES

www.tesu.edu/academics/catalog/Guided-Study-Courses.cfm

OVERVIEW

Guided Study (GS) courses allow independent learning in a structured format with the guidance and feedback of a mentor. Designed to be completed in a 12-week semester, each Guided Study course includes a detailed week-by-week calendar or schedule that will guide you through reading, writing and viewing assignments.

Mentors, assigned by the University, formally assess academic progress through written assignments and proctored examinations. Mentors are available for consultation by telephone or email. Once you are registered for a Guided Study course, an online account will be set up for you that will enable you to connect to myEdison®, the University's online course management system. This site may be accessed at www2.tesu.edu/myedison/. The University will email you a log on ID and password with your registration confirmation. When you register for courses, be sure you provide the University with an accurate, preferred email address so that you may receive this important information in time to begin your course work.

STUDENT PROFILE

Guided Study is recommended for independent study students who enjoy reading and writing for courses in a structured environment with minimal direction from a mentor. Mentors are available to assist and provide feedback as necessary, but they do not assume a tutoring role. Flexible policies allow students who are unexpectedly challenged by schedule, personal, medical or family constraints to extend the semester when circumstances warrant. Students enrolled in Guided Study courses must submit assignments via an assignment link in their myEdison® course space. Students who have legitimate reasons for not being able to use computers or access the internet may contact the University for special consideration. Students whose circumstances may

require alternative arrangements should call the Office of Student Special Services at (609) 984-1141, ext. 3415, to request accommodations. The Office of Student Special Services will determine if such accommodations are warranted. Please note that email will no longer be acceptable as a means of submitting assignments.

ABOUT ONLINE COURSES

www.tesu.edu/academics/catalog/Online-Courses.cfm

Online courses require the completion of assignments, examinations and final projects and also require participation in online discussions. The number of assignments varies from course to course. However, courses may have as few as three long assignments or many shorter assignments. Online courses usually include graded online discussion forums. Online courses include examinations, assignments and online discussions. Zero is assigned for each assignment and discussion not completed.

OVERVIEW

Online courses include all courses with the OL, NU or NG suffix in the course code. Online courses put you in contact with fellow students and mentors using the internet, allowing participation in public course discussions as well as private collegial discussions.

Once you are registered for an online course, an online account will be set up for you which will enable you to connect to myEdison®, the University's online course management system. This site may be accessed at www2.tesu.edu/myedison/.

The University will email you a log on ID and password with your registration confirmation. When you register for courses, be sure you provide the University with an accurate, preferred email address so that you may receive this important information in time to begin your course work. It is recommended that you verify your student records online via Online Students Services before your course begins.

When you first log in, you will obtain your log on ID and password by selecting "I'm new to Online Student Services" and following the prompts. A temporary password will be generated and emailed to you. After initial log in, you will be required to change your password. For most students, your log on ID will be your first name, followed by a period, then your last name (example: frank.smith). Students who have the same first and last names will be assigned a number to provide them with unique log on IDs (example: frank.smith2). Students registering for online courses are expected to have experience and proficiency using a computer, browsing the web, and sending and receiving internet mail. A valid email address is required to register for an online course.

STUDENT PROFILE

Online courses are recommended for distance learning students who enjoy reading, writing and participating in course discussions in an asynchronous, interactive, online environ-

ment. Mentors are available to assist and provide feedback as necessary, but they do not assume a tutoring role. Flexible policies allow students who are unexpectedly challenged by schedule, personal, medical or family constraints to extend the semester when circumstances warrant. To see what courses are offered online, visit www.tesu.edu/courses.

SYSTEM REQUIREMENTS:

Windows Users

- › Minimum video display of 800 x 600 pixels
- › Audio card and speaker or headset
- › CD-ROM drive
- › Internet connectivity via LAN or dial-up connection through an Internet Service Provider (ISP) at 28.8 Kbps or faster
- › A full-featured internet browser such as Microsoft Internet Explorer 6.0 or Firefox 4.X or higher

Apple Users

- › Minimum video display of 800 x 600 pixels
- › CD-ROM drive
- › Internet connectivity via LAN or dial-up connection through an Internet Service Provider (ISP) at 28.8 Kbps or faster
- › A full-featured internet browser such as Microsoft Internet Explorer 6.0 or Firefox 4.X or higher

Additional Requirements for Nursing Students:

- › Office Suite: Microsoft Office suite version 2007 or 2010
- › Webcam with microphone
- › Adobe Acrobat Reader
- › Current virus protection
- › Current email account on file with the Office of the Registrar

For technical (computer) questions relating to online courses, call (888) 442-8372.

PREVIEW SITE

You may preview any online syllabus by going to the University website at www.tesu.edu/courses. Select a course of interest to view the course description and information on the formats in which it is offered. If the course is offered in an online format, you will see a Preview the Online Syllabus link at the bottom of the web page. A preview provides a view of the syllabus, including the course objectives and assignments — and shows you what books and other course materials are required. Please note that the contents of the actual online course may differ from the preview due to updates or revisions.

COURSE STRUCTURE

Designed to be completed in a 12-week semester, each online course includes a detailed week-by-week assignment schedule (accessible at the online course site) that guides students through reading and writing assignments and other course activities. During the semester, students submit assignments to a mentor and participate in asynchronous course discussions. Mentors facilitate student discussions, providing guidance and focus for the class, grade assignments, discussions and examinations, and submit final grades. There is no specific time when one must be logged on for the class discussion; thus, students can maintain the flexibility of independent learning.

However, those who wish may engage in informal discussions with classmates, providing real opportunities to exchange ideas and enhance the informal aspects of learning. Mentors are available for consultation by email or telephone. Most courses require a textbook (and perhaps a published study guide) and may require readings and media components. Self-assessment tests and exercises often are incorporated into the course materials. A few courses have computer disks containing additional information and exercises. Mentors formally assess academic progress through written assignments, participation in course discussions and proctored and nonproctored examinations or some other form of comprehensive assessment.

MIDTERM AND FINAL EXAMS

Most online courses have two exams: a midterm taken in Week 7 and a final taken in Week 12. The midterm exam is usually an online, proctored assessment taken via the Online Proctor Service (OPS) and it typically covers material from the first half of the course. The final is usually an online, proctored assessment taken via the OPS and it typically covers material from the second half of the course. Students register through the OPS to select a test appointment during the official exam weeks. Some courses have a final paper or project in lieu of a final exam.

ABOUT NURSING ONLINE COURSES

www.tesu.edu/academics/catalog/Nursing-Online-Courses.cfm

Online courses offered by the W. Cary Edwards School of Nursing include all those listed in the nursing section with an NU (undergraduate nursing) or NG (graduate nursing) suffix as well as Women's Health (HEA-305-OL), Men's Health (HEA-306-OL), Statistics for the Health Professions (HPS-200-OL) and Management of Stress and Tension (SOS-320-OL).

These courses are similar to all other online courses offered by the University in that they are independent learning courses with online mentors; they include asynchronous participation in online group discussions, they require access to a computer and a familiarity with specified software, and they require current email addresses for students to be contacted and given access to courses. HEA-305-OL and SOS-320-OL are offered on the University's monthly course schedule; HEA-306-OL,

HPS-200-OL and the nursing courses are offered quarterly in the July, October, January and April terms.

Assessment of learning in the courses offered by the W. Cary Edwards School of Nursing occurs via written assignments submitted online and participation in asynchronous online group discussion. The courses are highly interactive, with the focus on a community of learners in a collaborative learning process. Undergraduate nursing courses require participation in the online discussions a minimum of three times a week on at least two different days; graduate nursing courses require participation in the online discussions a minimum of three times a week on three different days. There are no proctored examinations for the nursing courses.

In addition to the minimum system requirements for all online courses offered by the University, the NU and NG (graduate nursing) online courses require access to, and a familiarity with, PowerPoint software, and selected NG courses and Statistics for the Health Professions (HPS-200-OL) require access to, and a familiarity with, Excel software. MSN students should have access to a webcam for selected courses. In addition to the technical support provided by the University, the nursing courses have additional technical support imbedded, and the students are further supported by the School's distance learning specialists.

Nursing students are advised to familiarize themselves with the course information provided on the website, in the course syllabi and in the online course platform as some policies for the online nursing courses differ from those for the online courses offered by the University.

Selected courses have prerequisites and advisories that are noted in the section on course descriptions. Students are responsible for knowing their degree requirements, the prerequisites and advisories for the courses needed, and for registering for the correct courses and meeting the prerequisites and advisories prior to registration. Students who schedule courses without having satisfied the prerequisites will be denied access to the course, possibly incurring financial withdrawal penalties. Enrolled students should refer to the specific remaining requirements for their program to ensure registering for the correct courses. The NU and NG online courses are designed for students enrolled in the BSN and MSN degree and the graduate certificate programs, and are restricted to RNs. RNs not enrolled in the W. Cary Edwards School of Nursing may take a maximum of two nursing courses, as a nonmatriculated student, prior to enrollment unless restricted by the established prerequisites.

The W. Cary Edwards School of Nursing reserves the right to reassign students to different course sections as necessary to balance class size and provide for a quality online educational experience for all students. Every effort will be made to accommodate course selections made during regular registration periods, adding sections and/or seats, if necessary.

During late registration and beyond, open seats will be filled, but no additional seats or new sections will be added. Students are urged to familiarize themselves with the University's policies on Academic Integrity and Honesty.

STUDENT PROFILE

Online courses are recommended for distance learning students who enjoy reading, writing and participating in course discussions in an asynchronous, interactive, online environment. Mentors are available to assist and provide feedback as necessary, but they do not assume a tutoring role. Flexible policies allow students who are unexpectedly challenged by schedule, personal, medical or family constraints to extend the semester when circumstances warrant. To see what courses are offered online, visit www.tesu.edu/courses.

SYSTEM REQUIREMENTS:

Windows Users

- › Minimum video display of 800 x 600 pixels
- › Audio card and speaker or headset
- › CD-ROM drive
- › Internet connectivity via LAN or dial-up connection through an Internet Service Provider (ISP) at 28.8 Kbps or faster
- › A full-featured internet browser such as Microsoft Internet Explorer 6.0 or Firefox 4.X or higher

Apple Users

- › Minimum video display of 800 x 600 pixels
- › CD-ROM drive
- › Internet connectivity via LAN or dial-up connection through an Internet Service Provider (ISP) at 28.8 Kbps or faster
- › A full-featured internet browser such as Microsoft Internet Explorer 6.0 or Firefox 4.X or higher

Additional Requirements for Nursing Students:

- › Office Suite: Microsoft Office suite version 2007 or 2010
- › Webcam with microphone
- › Adobe Acrobat Reader
- › Current virus protection
- › Current email account on file with the Office of the Registrar

ABOUT e-PACK® COURSES

www.tesu.edu/academics/catalog/e-Pack-courses.cfm

The University's e-Pack® courses are delivered online for students who are interested in a completely independent mode of study. e-Pack® courses offer ungraded, chapter quizzes throughout the course, with a final examination that ends the course work. Upon receiving a passing score on the final examination, credit is awarded, but no letter grade is assigned.

OVERVIEW AND STUDENT PROFILE

e-Pack® (EP) courses are designed for independent distance learners who want the structure of a semester-based course, but do not require mentor guidance and do not wish to complete written assignments. Each course is designed around a textbook and a series of short online multiple-choice quizzes. After studying a section of the textbook, the student takes an online quiz and receives an immediate score as well as information telling which questions were answered correctly or incorrectly. The quiz scores do NOT count toward the course grade; they are only used to help the student prepare for the final exam. Students may take each quiz as many times as they want until they are confident they have learned the material. A particularly flexible feature of e-Pack® courses is that students can study and take the quizzes at their own pace, within the semester framework. The course results are based on a comprehensive final exam that must be taken by the end of the semester. In order to earn credit, the student must receive a passing score on the proctored final exam, which tests the subject material covered in all of the quizzes. Another advantage of e-Pack® courses is that the final exam may be scheduled before the end of the semester, allowing students to work more rapidly and earn credits more quickly.

REGISTRATION FOR e-PACK® COURSES

To register for an e-Pack® course, complete a Course Registration Form or register via Online Student Services. Use the EP suffix to indicate that you are registering for the e-Pack® version of the course. e-Pack® courses are designed to be completed in a 12-week semester. Within one week of registering, you will be sent a confirmation letter and course information. Once you are registered for an e-Pack® course, an online account will be set up for you with which you can connect to myEdison®, the University's online course management system. This site may be accessed at www2.tesu.edu/myedison/.

The University will email you a log on ID and password with your registration confirmation. This will allow you to access and familiarize yourself with your myEdison® course space. However, you will not be able to log into your online quizzes until the first day of the semester. When you register for courses, be sure you provide the University with an accurate, preferred email address so that you may receive this important information in time to begin your course work. It is recommended that you verify your student records online at Online Student Services before your course begins.

At your first log in, you will obtain your log on ID and password by selecting "I'm new to Online Student Services" and

following the prompts. A temporary password will be generated and emailed to you. After initial log in, you will be required to change your password. For most students, your log on ID will be your first name, followed by a period, then your last name (example: frank.smith). Students who have the same first and last names will be assigned a number to provide them with unique log on IDs (example: frank.smith2). To see what e-Pack® courses are offered online, visit www.tesu.edu/courses.

ABOUT TECEP® EXAMS

www.tesu.edu/academics/catalog/TECEP-Exams.cfm

NOTE: This option is not approved for Financial Aid or Veterans' Benefits.

The Thomas Edison Credit-by-Examination Program (TECEP®) offers students the opportunity to earn college credit by taking exams rather than courses. TECEP® is a credit-by-exam program specifically designed to allow students to demonstrate the college-level knowledge they have gained through job experience, personal interests and activities, or independent study.

OVERVIEW

Each TECEP® exam is developed by subject matter specialists who teach college courses in the exam's subject area. Most contain multiple-choice questions and some include short-answer questions and essays. Along with each exam, the test developers create a test description, available on the University website, containing information to help students prepare for their TECEP®. All exams except one are worth 3 credits.

TECEP® exams are available to anyone who is interested, whether or not they are enrolled at Thomas Edison State University. Enrolled students can earn credit by passing any TECEP® exam, but should check to ensure that the exam will fulfill their degree requirements. Students who are enrolled elsewhere should check with their own institutions.

Flexibility is the major advantage of earning credit through testing. The University recognizes that students who choose this method begin with different levels of knowledge of the test subject and take different amounts of time to prepare. Therefore, students can study at their own pace and register for the exam when they are ready. Another significant advantage of testing is its inexpensive cost.

For comprehensive information about TECEP® exams, their test descriptions and testing policies see the TECEP® section of the University website.

STUDENT PROFILE

TECEP® exams are recommended for highly independent learners who are comfortable studying in a nonstructured environment.

ABOUT PRIOR LEARNING ASSESSMENT

<http://www.tesu.edu/academics/catalog/Prior-Learning-Assessment.cfm>

NOTE: This option is not approved for Financial Aid or Veterans' Benefits.

OVERVIEW

Prior learning assessment (PLA) is a flexible, efficient way of earning college credits for college-level knowledge students have acquired through expertise developed outside the classroom. Thomas Edison State University has already helped thousands of adults save countless in-class hours by earning credits based on their college-level knowledge acquired beyond the classroom. Moreover, these credit awards are honored in transfer by many other colleges and universities throughout the country.

PLA operates on the philosophy that college-level learning, no matter how it is gained, warrants consideration for credit. Nearly any area of learning can be converted into college credit as long as it corresponds to what is taught in a course at a regionally accredited college or university. One of the most popular ways to earn credit for prior learning is portfolio assessment. Students can demonstrate their expertise in any number of subjects through the portfolio process.

Thomas Edison State University offers two methods for creating portfolios for assessment. Most students who intend to earn credit through the assessment of their portfolios begin by registering for PLA-100 or PLA-200. Information on those courses can be found at www.tesu.edu/degree-completion/PLA-100-and-PLA-200.cfm. The information below is intended for those students who only intend to do a single portfolio for a single course.

With Single-Course, 12-Week portfolio courses, students work with a mentor to determine what materials are appropriate to demonstrate college-level knowledge of the course content and outcomes. These courses require that the mentor approve credit based on prearranged criteria. No letter grade is assigned when credit is earned for PLA. To earn credit through PLA, students select a course in the subject in which they plan to demonstrate college-level knowledge. The student will demonstrate college-level knowledge of this subject by creating a PLA electronic portfolio. The student has one 12-week semester in which to complete the PLA portfolio. The narrative and supporting documentation compiled during the portfolio process will serve to demonstrate college-level knowledge and the value it has in the academic world. Such documentation can include evidence of learning gained from a wide variety of sources, but these are some of the most common sources used for prior learning assessment:

- full- or part-time jobs
- prior independent research
- training programs or in-service courses
- volunteer work
- cultural and artistic pursuits
- hobbies and recreational pastimes

- community or religious activities
- study abroad

PREPARING FOR PORTFOLIOS: A STEP-BY-STEP PROCESS

To learn more about the portfolio process and to complete the PLA Self-Assessment Guide go to www.tesu.edu/pla. To prepare for development of an electronic portfolio you should first:

A. Inventory Your Knowledge and Skills.

Review your job history, hobbies, areas of study or special training, volunteer work and other activities. Then make a list of all the areas of college-level knowledge and skill you have acquired as a result of these experiences. Further information is available at www.tesu.edu/pla.

B. Choose the Areas for Which You Want to Earn College Credit.

Evaluate each area of your prior college-level learning to determine which ones to select for PLA. Your decision about each subject area should be based on two factors: whether you can prove that your knowledge is equivalent to a college-level course and whether you need college credits in that subject area. With the exception of physical education courses, field experience, student teaching, cooperative study, practicum courses, English Composition I and II, or stand-alone lab courses, any college-level subject is eligible for PLA, although there are some subjects that are not well-suited for portfolio assessment. It is strongly recommended that your selected PLAs be reviewed and deemed appropriate by the Office of Academic Advising for your degree program or certificate program.

C. Find a PLA Course Description to Match Your Learning.

For each subject you have chosen, select an appropriate course description from the Thomas Edison State University PLA Course Description Database, which can be accessed at www2.tesu.edu/plasearch.php. For courses that are not in the database, you may also search through catalogs from regionally accredited colleges to locate a description that best reflects your knowledge. Course descriptions must come from catalogs that are no more than two years old. The catalog entries you select must represent courses taught in semester hours (not quarter hours) at regionally accredited colleges or universities. Please note that if you select a course description from another institution's catalog, there is no guarantee that it will be assigned the same course code by Thomas Edison State University.

D. Register for the PLA Course.

If you choose to complete a Single-Course, 12-Week Portfolio course, and you have made certain the course fits into your degree requirements, you will need to propose the course by completing the Prior Learning Assessment Proposal Form. The form is available at www.tesu.edu/studentforms. You may also submit the PLA Proposal Form electronically by going to <https://forms.tesu.edu/plaproposal.php>. The PLA specialist will determine whether the PLA you propose can be approved and activated. You will receive notification of the course code via email indicating that you are cleared to register for your PLA. Once your proposed course has been approved, a course section will be created. At that point, you can register as you

would for any other Thomas Edison State University course. You will also receive confirmation of your registration from the Office of the Registrar. This communication will contain information about accessing your online PLA via myEdison®.

It is important to start this proposal process at least two weeks prior to the end of the registration period for a given semester, so that a mentor may be identified before the registration period ends. Until we can identify a qualified mentor to work with you, you may not be able to enroll for the portfolio course during the semester you desire.

Once the semester begins, you may contact your mentor and begin to follow the timeline provided in the Assignments section of the course.

ONCE YOU ARE IN THE COURSE

A. Describe What You Know and How You Learned It.

After reviewing the course description and learning outcomes set out in your myEdison® PLA section, you will create a portfolio by writing a narrative that describes your college-level learning and addresses the subject area content as defined by the learning outcomes. You will also explain how your knowledge was acquired and introduce the materials you are providing as evidence. This narrative, which may vary in length and format depending on the subject area, is developed under the guidance of your mentor and is your forum for demonstrating to the mentor that you possess sufficient college-level knowledge to warrant credit for the subject.

B. Provide Evidence of Your Knowledge.

In your portfolio, you will assemble a compilation of material that documents your knowledge of the course content and outcomes. Evidence submitted is not limited to written documents such as a resume or an annotated bibliography, but can also include video and audio clips as well as scanned documents. Examples may include a performance evaluation, certificates, samples of your work, letters of verification from employers or others who have firsthand knowledge of your abilities, or any other material that offers proof.

C. Put it All Together.

After you have registered for a PLA, interacted with your mentor to write an appropriate narrative and collected sufficient evidence to prove your knowledge of the course, your PLA portfolio is complete and ready for final assessment. If a piece of evidence is not conducive to electronic transmission, you may mail it to the mentor, but only copies should be sent as evidence cannot be returned.

NOTE: Upper-division or graduate nursing PLA Portfolio Proposal Forms will be reviewed by the W. Cary Edwards School of Nursing prior to approval.

THE ASSESSMENT OF YOUR PORTFOLIO

Each PLA portfolio is assessed by a mentor to determine whether your knowledge of the subject and corresponding outcomes is comparable to a college-level grade of C or better.

If it is, the mentor will award a grade of “credit (CR).” You will not receive a letter grade.

If the mentor decides that more information is needed to make a grade determination, you may be asked to submit additional evidence, take an examination or be interviewed. The latter practices are often used in cases where students have acquired knowledge of a subject that cannot readily be documented. If your knowledge is judged to be insufficient, the mentor will award a grade of “no credit (NC).”

The only limit to the number of credits you may earn through PLA is that English Composition I and II cannot be taken as portfolio courses, but there are TECEP® exams for both of those subjects. In a few cases, students have earned enough PLA credits to fulfill most of their degree requirements.

At the end of the 12-week semester, you will receive a grade report, within the same time frame as for any other course at Thomas Edison State University. If you are a student at another school, you should request in writing from the Office of the Registrar that a Thomas Edison State University transcript be sent to your home institution.

PLA POLICIES AND PROCEDURES

1. It is recommended that students enrolled in Thomas Edison State University check with the Office of Academic Advising to be certain that all selected PLA course descriptions are applicable to their degree program before registering for a portfolio course. Students enrolled in other institutions should make sure that credits earned through PLA will apply toward their degree programs before registering for PLA at Thomas Edison State University. Course descriptions from colleges other than Thomas Edison State University may not be used as a basis for PLA if Thomas Edison State University has an equivalent course in its PLA Course Description Database.

2. Because the portfolio narrative requires substantial writing, it is strongly advised that students attempt PLA only after they have fulfilled the requirements for English Composition I and II with a grade of C or better.

3. The topics of human knowledge are virtually limitless. It is important for students to remember, however, that the University can only assess knowledge based on courses taught at regionally accredited colleges and in subject areas for which mentors can be located. Every effort is made to find mentors in the student’s area of expertise, but occasionally, no such mentor can be located, so PLA may not be pursued.

4. The University reserves the right to refuse to grant credit for any PLA portfolio that does not meet the standards set by the University. Students should work closely with their mentor to ensure the best possible chance of earning credit through the PLA process.

5. The University cannot award duplicate credit for both a PLA and a course that cover essentially the same content. PLA students need to work closely with their academic advisors early in the process to avoid duplication of content when selecting

their course descriptions. It is not unusual for courses with different titles to cover the same content.

6. Physical education courses, field experience, student teaching, cooperative study, practicum courses, English Composition I and II, stand-alone lab courses or other courses whose subject matter may be inconsistent with demonstrating prior learning through a narrative-centered e-portfolio process are not eligible for PLA.

7. A mentor may determine that a student has adequately demonstrated competency of a course in fewer than 12 weeks, but the assessment may not be completed in less than 30 days from the start of the PLA. Even when a PLA is completed early, the grade will not be issued until the end of the semester except for compelling reasons such as a graduation audit or to meet requirements for retaining employment.

ABOUT SELF-DIRECTED COURSES

OVERVIEW

Self-Directed (SD) online courses provide an opportunity for students to learn independently. Like our e-Pack® courses, students have the freedom to move through these course independently at a pace they control. Students are given all of the tools needed to complete the course without supervision. Therefore, Self-Directed courses foster a self-reliant learning experience where students work through the content provided in the course completely autonomously. Self-Directed courses are structured on a 12-week format and delivered entirely online. Students earn credit in Self-Directed courses by completing each of the modules in the course.

REGISTRATION FOR SELF-DIRECTED COURSES

Students register for a self-directed course via Online Student Services. Use the SD suffix to indicate that you are registering for a self-directed course. Currently, the University offers one self-directed course, TES-100 Cornerstone: Lifelong Learning Strategies. Your course will be offered in the University's Moodle Learning Management System accessed via the myEdison® student portal. Please refer to our myEdison/ Course Access page for login information and instructions. Please note that your course(s) will appear in the myEdison® portal on the Friday before the term starts. Until then, your courses will not be visible, but you can confirm your upcoming schedule in Online Student Services under "Academic Profile."

When you register for courses, remember to provide the University with an accurate, preferred email address so that you may receive this important information in time to begin your course work. It is recommended that you verify your student records online at Online Student Services before your course begins. At your first log in, you will obtain your log on ID and password by selecting "I'm new to Online Student Services" and following the prompts. A temporary password will be generated and emailed to you. After initial log in, you will be required to change your password. For most students, your log on ID will be your first name, followed by a period, then your last name (example: frank.smith). Students who have the same first and last names will be assigned a number to provide them with unique log on IDs (example: frank.smith2).

ABOUT NCPACE COURSES

www.tesu.edu/academics/catalog/About-NC-PACE-Courses.cfm

Thomas Edison State University participates in the Navy College Program for Afloat College Education (NCPACE) Program. The program is delivered primarily using self-paced CD-ROM technology, allowing students to continue their education while deployed and without reliable, consistent internet access. Courses associated with the NCPACE programs are known as NCPACE courses.

CURRENT NCPACE COURSES:

- › BIO-208 Science of Nutrition
- › COM-330 Interpersonal Communication
- › CTR-212 Programmable Logic Controllers
- › EAS-201 The Science of Natural Disasters
- › ENG-201 Technical Writing
- › HIS-301 African History and Culture
- › HIS-356 War and American Society
- › MAN-331 Human Resources Management
- › MAT-231 Calculus I
- › MAT-232 Calculus II
- › PHI-384 Ethics and the Business Professional
- › PSY-300 Thanatology: An Understanding of Death and Dying
- › PSY-350 Abnormal Psychology
- › PSY-352 Psychology of Personality
- › REL-406 Eastern Religions

NOTE: Students who have taken a NCPACE course with Thomas Edison State University must still apply to the school to pursue a degree program.

UNDERGRADUATE COURSES

www2.tesu.edu/listall.php

ACC-101: PRINCIPLES OF FINANCIAL ACCOUNTING (3 credits)

Provides a basic level of knowledge in recording business transactions, summarizing business activities, and preparing, interpreting and utilizing financial statements.

Advisory: Working knowledge of Microsoft Excel is required.

ACC-102: PRINCIPLES OF MANAGERIAL ACCOUNTING (3 credits)

Emphasizes the information managers need to make decisions and the types of analyses appropriate to each decision. Includes such topics as budgeting, cost accounting systems and cost profit relationships.

Advisory: It is advisable to have knowledge in a course equivalent to ACC-101 Principles of Financial Accounting with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

ACC-201: INTERMEDIATE ACCOUNTING I (3 credits)

Intermediate Accounting I is the first of a two-course sequence in financial accounting. Topics covered include accounting theory, a review of the accounting cycle, financial statements, time value of money, current assets and operational assets. This course is essential for students who wish to pursue a major in accounting.

Advisory: Working knowledge of Microsoft Excel is required.

ACC-202: INTERMEDIATE ACCOUNTING II (3 credits)

Intermediate Accounting II is the second of a two-course sequence (ACC-201: Intermediate Accounting I is the other) in financial accounting. Accounting methods and procedures under Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS) will be covered in detail. Topics covered include investments, current liabilities and contingencies, bonds and long-

term notes, leases, accounting for income taxes, pensions, shareholders' equity, earnings per share, share-based compensation, accounting errors and the statement of cash flows. This course is essential for students who wish to pursue a major in accounting.

Advisory: Working knowledge of Microsoft Excel is required.

ACC-303: COST ACCOUNTING (3 credits)

This course explores the world of cost accounting. It reviews the nature and calculation of costs associated with delivering products and services. Fundamental analytical tools that are utilized for cost accounting are explored, and students assess how cost information can be used to make managerial decisions. Throughout this course, students will participate in discussions with others enrolled in the course.

Advisory: It is advisable to have completed ACC-201 Intermediate Accounting I, with a grade of C or better in order to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

System Requirement: This course requires access to a computer with Microsoft Word or a compatible word-processing program; Microsoft Excel or a compatible spreadsheet program.

ACC-401: ADVANCED ACCOUNTING I (3 credits)

This course provides a review of both the concepts and technical issues associated with more advanced accounting topics. Complex consolidated financial statements are addressed in detail, from both the perspective of internal company expansion and external business combinations such as acquisitions. The course also explores accounting for international operations and foreign exchange translations. Finally, the course outlines the role of the Security and Exchange Commission and government regulation of accounting transactions as well reporting rules for nonprofit organizations.

Advisory: It is advisable to have completed ACC-201 Intermediate Accounting I, with a grade of C or better in order to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

ACC-402: ADVANCED ACCOUNTING II (3 credits)

This is the second semester of a two-semester sequence of courses covering advanced accounting techniques and issues. Topic coverage in Advanced Accounting II will include an in-depth review of interim and segmental reporting for businesses as well as partnership accounting from initial formation to liquidation. In addition, this course will also cover governmental and not-for-profit accounting in detail as well as fiduciary accounting for estates and trusts, and debt restructuring. Related pronouncements from the Financial Accounting Standards Board and the Governmental Accounting Standards Board will be introduced during the course.

Advisory: It is advisable to have knowledge in a course equivalent to ACC-201 Intermediate Accounting I with a grade of C or better to succeed in this course. It is also advisable to have successfully completed ACC-401 Advanced Accounting I or its equivalent. Students are responsible for making sure they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

ACC-411: AUDITING (3 credits)

This course provides students with the foundation needed to develop the skills required of an auditor. It focuses on the tools and processes necessary to complete an audit and includes a review of references and resources available on the internet. The course provides familiarity with the skills necessary for auditors to make sound judgments and recommendations. Students review the auditing process in which substantive evidence is obtained and evaluated, and learn to develop and apply the tests necessary to document conclusions and position effectively and efficiently.

Advisory: It is advisable to have completed ACC-101 Principles of Financial Accounting, and ACC-102 Principles of Managerial Accounting, with grades of C or better in order to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

ACC-415: ADVANCED AUDIT (3 credits)

Advanced Audit provides an in-depth analysis of current auditing issues, especially those involved in completing the audit: auditors' reporting

responsibilities; internal control over reporting for public companies; the requirements of the Sarbanes-Oxley Act; and auditing of information technology systems. In addition, the course focuses on compliance concepts and techniques, detailed attestation and review services, and the professional judgment process model for auditing financial statements. Recognized standards, such as the International Auditing Standards (IAS) and the Generally Accepted Government Auditing Standards (GAGAS), are discussed in detail.

Advisory: It is advisable to have knowledge in a course equivalent to ACC-411 Auditing with a grade of C or better to succeed in this course. Students are responsible for making sure they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

ACC-421: FEDERAL INCOME TAXATION (3 credits)

This course covers federal income tax structure as it pertains to individuals, partnerships and corporations.

Advisory: It is advisable to have completed ACC-101 Principles of Financial Accounting, and ACC-102 Principles of Managerial Accounting, with grades of C or better in order to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. Working knowledge of Microsoft Excel is required.

ANT-101: INTRODUCTION TO ANTHROPOLOGY (3 credits)

This course studies culture as the expression of human values, behavior and social organization in its diverse forms throughout the world, both past and present. Attempts to demonstrate the inherent logic in each culture in terms of problem solving and adapting to the environment.

AOJ-101: INTRODUCTION TO LAW ENFORCEMENT (3 credits)

This course examines the history and heritage of law enforcement, the criminal justice system in the United States and its contemporary police system, the organization and management of police, and constitutional law and legal precedents.

AOJ-102: INTRODUCTION TO CRIMINAL JUSTICE (3 credits)

This is an introductory course in criminal justice that offers an overview of the entire criminal justice system. The focus is on the administration of police, court and correctional agencies and the decision-making points from the initial investigation or arrest by police to the eventual release of the offender and his/her re-entry into society. The emphasis is on the dynamic relationships between the various elements in the system as well as special problem areas.

AOJ-280: FORENSIC SCIENCE (3 credits)

This course presents a comprehensive introduction of the application of science concepts to criminal investigation. Key topics covered include the importance of the crime scene and the collection and analysis of both physical and biological evidence. In addition to the textbook readings and lecture notes, this course employs analysis of actual criminal cases through written assignments and discussions.

AOJ-303: WHITE-COLLAR CRIME (3 credits)

This course explores the nature and problems of white-collar crime, including its historic roots, causal factors in American life and society, white-collar criminal activities, the problems of corruption and graft, the economic impact of the criminal activities and the development of strategies to control and prosecute white-collar criminals.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory Administration of Justice course.

AOJ-381: VICTIMOLOGY AND CRIMINAL BEHAVIOR (3 credits)

This course will focus on the criminal event from both the perspective of victims and the motives of offenders. It will examine victimization patterns, typologies, lifestyles, causal factors, consequences and the treatment of victims by the criminal justice system. Students will identify pre-incident warning signs, learn about techniques used to defuse immediate danger and learn about strategies used to prevent future harm.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory Administration of Justice course.

AOJ-484: PUBLIC POLICY, CRIME AND CRIMINAL JUSTICE (3 credits)

This course provides a review and analysis of intergovernmental relations involved in forming and implementing criminal justice policies, laws and procedures. The course emphasizes the development of quantitative and qualitative information used to analyze and formulate policy.

Advisory: To be successful in this course, students should have earned 6 credits in Administration of Justice or have comparable knowledge and experience.

APS-100: MEDICAL TERMINOLOGY (1 credits)

This is an introductory course to familiarize students with everyday medical terminology used by healthcare and medical professionals. It is structured to provide students with the entry level knowledge needed to advance into various careers in the medical field. The class will stress word parts, word structure, word analysis and pronunciation of terms. Terms relating to diseases, disorders, diagnostic and surgical procedures of the organ systems of the body will be covered. Specific medical words and word parts will be reviewed as they pertain to the musculoskeletal, lymphatic/immune, cardiovascular, respiratory, digestive, urinary, nervous, integumentary, endocrine, vision, hearing and reproductive systems. Students do not require a medical background prior to enrolling.

APS-295: ASSOCIATE CAPSTONE (3 credits)

The Associate Capstone is designed to provide knowledge on the identification, analysis and synthesis of current trends and incremental changes in the technical area of study.

APS-302: CUSTOMER SERVICE A PRACTICAL APPROACH
(3 credits)

This course presents the principal concepts and current trends in the customer service industry. Particular areas of concentration involve defining customer service and identifying its challenges, employing the problem-solving process, formulating a customer service strategy, coping with challenging customers, retaining customers and measuring performance. Students will analyze the significant elements of customer service and apply effective customer service principles.

APS-400: OCCUPATIONAL HEALTH AND SAFETY (3 credits)

This course provides analysis and solution components for technology leaders to identify potential issues and plan solutions. The content includes roles of the technical leaders in environmental, health and safety management; quantitative problem solving and units of measure; application of OSHA regulations; and development of solutions specific to the learners field of applied science and technology.

APS-401: CURRENT TRENDS AND APPLICATIONS (3 credits)

This course is designed to provide knowledge on the identification, analysis and synthesis of current trends and incremental changes in the technical area of study. Students apply the knowledge in the assessment of the potential impact of a current trend or incremental change influencing a discipline, while recommending an action plan or additional investigation.

APS-402: APPLIED QUALITY MANAGEMENT (3 credits)

This course provides students with the knowledge and techniques required to improve product quality and process efficiency by identifying and measuring production process variability that, if not successfully addressed, leads to inconsistent product quality, costly wastage, nonstandardization and other reliability and productivity problems.

This course introduces basic quality management concepts and definitions, and builds on that knowledge to explore Statistical Process Control (SPC) based quality improvement techniques as a means to diagnose, reduce and eliminate causes of variation and to assist in process improvement, production control, production planning and decision making. A brief review of the fundamentals of statistics and probability and their applications in quality management is provided and various measurement and control techniques — for example charts for variables and attributes — are presented.

ART-100: A WORLD OF ART
(3 credits)

A World of Art is an art appreciation course that covers the sweep of Western art from its earliest sources to its most recent developments. The course covers a range of media that have defined visual art over time: painting and sculpture; architecture and decorative arts; photography and drawing; mixed media; and assemblage and installation art. This course demonstrates ways that the visual arts have echoed the human experience across the ages. A key theme is the way that art reflects both continuity with previous tradition and transformation as artists continually create something new. Course content is drawn from the Teaching Company's "Art Across the Ages" course by Professor Ori Z. Soltes.

ART-166: THE HISTORY OF WESTERN ART I (3 credits)

History of Western Art I examines the greatest works of the Western visual tradition, highlighting issues of social content, form and iconography. The course is a survey of Western European art and architecture from antiquity to 1600 CE. The course provides an excellent introduction and general overview of the seminal works of Western art. The social, political and philosophical influences on the art and architecture are also examined. Students will gain a knowledge and appreciation of the great works, their artists and the cultures that produced them.

ART-167: THE HISTORY OF WESTERN ART II (3 credits)

The History of Western Art II is a survey of Western art and architecture from the 1600s to the present day. Students will learn about the artists, architects and social, political and historical events and figures that formed the history of European and American art and architecture of this period. Various trends and art periods, from Baroque through Pop art, are examined and discussed. The great masterworks, from *Night Watch* to the *Guernica*, are studied and compared. This course is an excellent introduction to modern art and a good complement to the History of Western Art I (ART-166).

AST-101: INTRODUCTORY ASTRONOMY (3 credits)

This course explores the broad range of concepts and principles in astronomy, placing emphasis on the scientific evidence that astronomers use to support their conclusions. The origin, characteristics and evolution of the solar system, the stars, the galaxies and the universe will be covered in this course.

AVF-303: AVIATION SAFETY MANAGEMENT (3 credits)

This course examines contemporary safety issues directly affecting the aviation industry. Primary focus is on the cause of accidents and the various developments preventing future reoccurrence. Additional topics include: safety regulations, accident investigation, accident causation models and human factors, various safety developments in the air and on the ground, aviation security and aviation safety management programs.

AVF-472: AIRPORT MANAGEMENT I (3 credits)

Airport Management I provides an introduction to airport operations and the myriad of responsibilities that airport managers face on a day-to-day basis. This course presents airport expansion in the historical context along with the impact airports have on the environment. Students are introduced to the regulatory aspect as well as the operational requirements affecting air travelers on a day-to-day basis.

**AVF-474: AIRPORT
MANAGEMENT II (3 credits)**

Airport Management II examines airport planning and design, financial management and marketing. Airports are continually evolving so airport executives must be cognizant of the needs of the public and demonstrate knowledge, skills and expertise to properly fulfill these needs. Fiscal responsibility combined with sensible planning is the airport executive's responsibility. Students are introduced to the financial aspect as well as the planning requirements affecting airports in the present and future.

**AVT-301: AIRLINE MANAGEMENT
(3 credits)**

This course provides an introduction to the various administrative aspects of airline planning and management. It examines subjects pertaining to historical developments, route network design, product offering and pricing strategy, fleet planning, scheduling, and financing operations and growth.

**AVT-305: AIRLINE MARKETING
AND CUSTOMER SERVICE (3 credits)**

This course will provide students with an in-depth knowledge of the components of airline marketing and customer service. Areas covered include market segmentation, product planning, communications and social media, loyalty, corporate sales and distribution, and customer service strategies. This course will utilize a combination of discussion forums, written assignments, exams and a final project.

**AVT-306: CREW RESOURCE
MANAGEMENT (3 credits)**

This course examines and develops the cognitive, organizational, management and interpersonal skills of the student that are necessary to lead a crew and manage a flight within a complex organized aviation environment.

**BIO-101: INTRODUCTORY BIOLOGY
(3 credits)**

Designed for non-science majors, this course presents the essential body of knowledge about biology with emphasis on molecular biology. The course covers - in addition to a general introduction to

the nature of life - chemical foundations, cell structure and function, metabolism, DNA, genetics, evolution and ecology.

Advisory: This course may not be used as the first semester of a two-semester sequence. It does not meet the biology area of study general biology requirement.

**BIO-208: THE SCIENCE OF
NUTRITION (3 credits)**

This introductory course is intended to provide accurate and scientifically sound information on human nutrition. Topics covered include food choices; the digestive system; metabolism; the effects of carbohydrates, fats and proteins on health; nutrition in various stages of the life cycle; vitamins and minerals; and the effect of diet in the presence of diabetes and cardiovascular disease.

System Requirement: Students taking BIO-208-GS/OL are required to purchase the software Diet Analysis Plus.

**BIO-211: HUMAN ANATOMY AND
PHYSIOLOGY I (4 credits)**

This course provides a survey of the structure and function of the human body with an emphasis on normal anatomy and physiology, and physiological processes of the following systems: skeletal, muscle, nervous and sensory. The course begins with an introduction of how molecules are organized to form cellular organelles; how the organelles function together to form the smallest living unit, the cell; and how cells are organized into tissues, which combine to form organs. Animal dissection is required.

**BIO-212: HUMAN ANATOMY AND
PHYSIOLOGY II (4 credits)**

This course provides a survey of the structure and function of the human body with an emphasis on normal anatomy and physiology, and physiological processes of the following systems: endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive. The course includes overviews of development, genetics and inheritance. Animal dissection is required.

**BIO-310: MAN'S BEST FRIEND: THE
BIOLOGY AND BEHAVIOR OF DOGS
(3 credits)**

Dogs and humans have been working and playing together for as long as 30,000 years. This course provides a comprehensive overview of the most critical components of a successful human-animal relationship, and requires students to synthesize what they learn about biology and behavior. This is accomplished by first examining the origin of the relationship between humans and dogs, and follows the development of the dog from the first stages of domestication through present day by including the dog's physiology, structure, reproduction and genetics. Next, developmental behavior of the dog is examined from birth to adulthood as well as breed specific behaviors. Learning process and principles of training are also investigated through several common behavior problems and their solutions. Health, disease and nutrition are also discussed.

**BPS-495: BACHELOR OF SCIENCE
IN PROFESSIONAL STUDIES
CAPSTONE (3 credits)**

The Bachelor of Science in Professional Studies Capstone provides engagement in a student-centered, content-related learning experience that serves as a summary and synthesis of a student's undergraduate academic career. The student selects a professional area of interest related to her or his career and engages in an activity leading to a research project. The culminating report is reflective of comprehensive competencies gained in undergraduate studies and demonstrates a student's knowledge of the outcomes of the Bachelor of Science in Professional Studies degree.

**BUE-101: PERSONAL FINANCE FOR
2000 AND BEYOND (3 credits)**

This is a one-semester course in financial planning that provides information for making sound financial choices

Advisory: This course will only be applied to the free elective requirement of Thomas Edison State University degrees including the ASBA and the BSBA degrees.

BUS-101: INTRODUCTION TO BUSINESS (3 credits)

This course outlines a concise overview of the world of business. Emphasis is placed on the following topics: economics and economic systems; ownership; risk; production; finance and the financial system; marketing; human resources; how to form a union; and the effect of government in business. The primary objective is to introduce students to the world of business and formulate an opportunity to define and apply the language of business to various endeavors in which businesses operate.

BUS-161: BUSINESS MATHEMATICS (3 credits)

This course presents a practical approach to the use of mathematics in business. Topics include mathematical applications in finance, retailing and business accounting.

Advisory: This course will not satisfy the liberal arts mathematics requirement. The course does not require previous mathematics course work but does assume mathematics literacy.

BUS-210: QUANTITATIVE METHODS FOR DECISION MAKERS (3 credits)

Quantitative Skills for Business applies a reasoning and analytic approach to the theories, tools and models associated with numerical decision making. Applying an application-driven modality for learning, the course presents empirically-oriented, data-driven scenarios. Scrutinizing these cases assists students in honing both their professional and consumer decision-making skill sets. Topics include formulating and presenting management information, statistical analysis, quality control and quality management, decision making under uncertainty, project management and financial decision making. This course is also designed to measure your competency in quantitative reasoning/literacy, one of the institutional learning outcomes.

BUS-421: STRATEGIC MANAGEMENT (3 credits)

Strategic Management is a senior-level Capstone course that focuses on the development and implementation of strategy as a means to success in business.

This course integrates concepts and applications from various functional areas of business. Relying heavily on case studies, the focus is on how managers engage in strategic thinking, planning, analysis and execution to gain a sustained competitive advantage in the marketplace.

Advisory: It is advisable to have knowledge in a course equivalent to FIN-301 Principles of Finance, MAN-301 Principles of Management, MAR-301 Principles of Marketing, ACC-101 Principles of Financial Accounting, ACC-102 Principles of Managerial Accounting, ECO-111 Microeconomics and ECO-112 Macroeconomics with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

CHE-101: SURVEY OF CHEMISTRY (3 credits)

Developed for non-science majors, this course presents chemical facts, principles and theories through practical applications, illustrations and experiments. De-emphasizes mathematical problem solving.

Advisory: This course does not meet the chemistry area of study General Chemistry requirement. It will not satisfy the chemistry requirement for Natural Sciences or Applied Science and Technology degree programs.

CHE-111: GENERAL CHEMISTRY I (3 credits)

Chemistry is a science that deals with the composition, structure and properties of substances and with the transformations that they undergo. It is the "study of change." In this course, the first of a two-semester general chemistry sequence, students explore the structure of the atom, the molecules that form from atoms and the basic concepts of chemical reactivity, including the relations between amounts of materials undergoing reactions and the energetics of those reactions. At the atomic and molecular level, chemistry is a very abstract subject, but the study of atoms and molecules is fundamental to understanding life itself, since all matter is made up of atoms and molecules. Through practical examples and applications, the course aims to explain not only the abstract concepts of chemistry but also how those concepts are understood in real-life contexts.

Advisory: This course does not contain a lab component. Students who need a Chemistry I course with lab should enroll in CHE-121 Chemistry I with Lab.

CHE-112: GENERAL CHEMISTRY II (3 credits)

Chemistry is a science that deals with the composition, structure and properties of substances and with the transformations that they undergo. It is the "study of change." In this course, the second of a two-semester general chemistry sequence, the emphasis is on chemical equilibrium, acid/base chemistry and energy changes in chemical reactions. This course also focuses on chemical thermodynamics, kinetics, intermolecular forces and the physical properties of solutions, coordination compounds and electrochemistry. At the atomic and molecular level, chemistry is a very abstract subject, but the study of atoms and molecules is fundamental to understanding life itself, since all matter is made up of atoms and molecules. Through practical examples and applications, the course hopes to explain not only the abstract concepts of chemistry but also how individuals come to know and understand those concepts in real life contexts.

Advisory: It is advisable to have knowledge in a course equivalent to CHE-111 General Chemistry I with a grade of C or better to succeed in this course. This course taken with CHE-129 General Chemistry Labs II will meet the Chemistry Area of Study Chemistry requirements.

CHE-121: GENERAL CHEMISTRY I WITH LABS (4 credits)

Chemistry is a science that deals with the composition, structure and properties of substances and with the transformations that they undergo. It is the "study of change." In this course, the first of a two-semester general chemistry sequence with labs, students explore the structure of the atom, the molecules that form from atoms and the basic concepts of chemical reactivity, including the relations between amounts of materials undergoing reactions and the energetics of those reactions. At the atomic and molecular level, chemistry is a very abstract subject, but the study of atoms and molecules is fundamental to understanding life itself, since all matter is made up of atoms and molecules. Through practical examples and applications, the course aims to

explain not only the abstract concepts of chemistry but also how those concepts are understood in real-life contexts.

CHE-122: GENERAL CHEMISTRY II WITH LABS (4 credits)

Chemistry is a science that deals with the composition, structure and properties of substances and with the transformations that they undergo. It is the “study of change.” In this course, the second of a two-semester general chemistry sequence with labs, the emphasis is on chemical equilibrium, acid-base chemistry, and energy changes in chemical reactions. The course focuses on chemical thermodynamics, kinetics, intermolecular forces and the physical properties of solutions, coordination compounds and electrochemistry. At the atomic and molecular level, chemistry is a very abstract subject, but the study of atoms and molecules is fundamental to understanding life itself, since all matter is made up of atoms and molecules. Through practical examples and applications, the course aims to explain not only the abstract concepts of chemistry but also how those concepts are understood in real-life contexts.

Advisory: It is advisable to have knowledge in a course equivalent to CHE-121 General Chemistry I with a grade of C or better to succeed in this course.

CHE-128: GENERAL CHEMISTRY LABS I (1 credit)

General Chemistry Labs I is a 1-credit, six-week course that requires students to complete laboratory experiments that illustrate principles studied in General Chemistry I (CHE-111).

Advisory: This is a six-week lab course. This should be taken by students who already have the knowledge equivalent to a 3 credit general Chemistry I course. This course cannot be taken concurrently with CHE-111. Students who need a Chemistry course with a lab should enroll in CHE-121 Chemistry I with Labs.

CHE-129: GENERAL CHEMISTRY LABS II (1 credit)

General Chemistry II Labs is a 1-credit, six-week course that requires students to complete laboratory experiments that illustrate principles studied in General Chemistry II.

Advisory: This is a six-week lab course. This should be taken by students who already have the knowledge equivalent to a 3 credit general Chemistry II course. This course cannot be taken concurrently with CHE-111. Students who need a chemistry course with a lab should enroll in CHE-122 Chemistry II with Lab.

CIS-107: COMPUTER CONCEPTS AND APPLICATIONS (3 credits)

This course provides an overview of computers, focusing on historical development; hardware; application software; communications; internet use; how to purchase, install and maintain a computer; information systems; system analysis and design; programming; careers in the computer field; security, ethics and privacy issues; and multimedia. The “laboratory” portion of the course features the use of Microsoft Office and Windows.

CIS-301: MANAGEMENT INFORMATION SYSTEMS (3 credits)

This course provides an overall picture of information systems in the conduct of business. Covers the organization and management of a networked enterprise, the infrastructure of information technology, the necessary support systems for the digital company, and the building and managing of information systems in a global business environment.

CIS-311: DATABASE MANAGEMENT (3 credits)

This course provides students with fundamental concepts of databases and Database Management Systems (DBMS). It offers terminology, conceptual approaches and practical approaches when designing and implementing different database types. Students will learn design considerations and solutions with a DBMS, using various industry standards and models available. Analytical and problem-solving skills will be strengthened. The material also includes common tools and techniques utilized to optimize performance

and secure the database and related resources. Other topics covered include: Entity Relationship Diagrams (ERD); Structured Query Language (SQL); Information and Decision Making; and Data Normalization.

CIS-320: SYSTEM ANALYSIS AND DESIGN I (3 credits)

Systems Analysis and Design provides students with concepts of the analysis and design processes and allows students to use industry standard methodology and framework to develop business information systems. The course combines terminology with conceptual and practical approaches to designing and implementing business systems. Analytical and problem-solving skills are developed through a modern integrated, structured approach. Predictive and adaptive approaches to systems development life cycle (SDLC) using an iterative approach are covered. The course contains the entire analysis and design process from conception through implementation, including training and support, system documentation and maintenance, and relevant project management techniques. Tools and techniques to optimize performance and secure the system are introduced. Tools that optimize performance and secure the system include SDLC, Unified Process (UP), Extreme Programming (XP) and Scrum.

CIS-351: SOFTWARE ENGINEERING (3 credits)

This course immerses the student in the process of software engineering, which involves identifying the components of a software system, breaking complex components into smaller and more manageable abstract pieces, and modeling the entire system. These tasks help software teams better handle the design, planning and development of software systems. Students will be exposed to a variety of techniques used to plan and model software applications. They will also learn about strategies used to gather user input and develop software.

Advisory: Students are strongly encouraged to have successfully completed an introductory programming course such as COS-116-OL (C Programming) or COS-213-OL (C++ Programming) before taking this course.

CMP-202: FUNDAMENTALS OF INFORMATION TECHNOLOGY
(3 credits)

This course provides an overview of the fundamental ideas and principles behind information systems. The course approaches traditional computer concepts from a managerial perspective geared to the requirements of businesses and organizations. Within this context, students use case studies to analyze and discuss design concepts and approaches to managing information and implementing technology solutions. The course introduces students to the role of information systems in business, society and private life, to the role of critical decision makers and to important decision support tools. It further addresses core ethical issues, principles and procedures. Students are expected to develop critical-thinking as well as analytical and problem-solving skills.

CMP-354: NETWORK TECHNOLOGY
(3 credits)

This course provides students with the fundamental concepts of data communications. This course teaches practical approaches when designing and implementing a network environment of varying sizes. It includes an analysis of the physical and logical aspects of the network infrastructure and the various industry standards and models available. The material also consists of the common tools and techniques utilized to optimize the performance and secure the core network components and resources. Throughout this course, students will develop and build their analytical and problem-solving skills. Specific topics covered include: network architectures; topologies; media and devices; protocols; and servers and security.

COM-120: INTRODUCTION TO MASS COMMUNICATIONS I
(3 credits)

This course emphasizes the history of mass media and current trends, presenting information and activities to enable students to appreciate and evaluate the quality of print, audio, video, film and television. Satisfies the humanities general education requirement.

COM-121: INTRODUCTION TO MASS COMMUNICATIONS II
(3 credits)

This course continues the presentation of information about the history of and current trends in mass media and activities to enable students to appreciate and evaluate the quality of print, audio, video, film and television. Satisfies the humanities general education requirement.

Advisory: It is advisable to have knowledge in a course equivalent to COM-120 Introduction to Mass Communications I with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

COM-209: PUBLIC SPEAKING
(3 credits)

This course focuses on the development of effective presentation skills before live audiences. Includes having each student recording two presentations. Satisfies the humanities general education requirement.

System Requirement: Students should be able to submit digital recordings electronically.

COM-265: COMMUNICATION IN THE DIGITAL AGE (3 credits)

This course offers an undergraduate-level study of digital media with emphasis on the uses of textual and visual media in digital spaces, such as websites, blogs and wikis. The course examines how digital media is extending the capabilities of traditional media and also how digital media is altering the societal landscape. It also investigate how digital technologies are changing the economic realities associated with media. This course provides opportunities for students who are interested in digital publication and those interested in theories of digital composition and rhetoric.

COM-330: INTERPERSONAL COMMUNICATIONS (3 credits)

This course examines the process of interpersonal communication from various perspectives, including dyadic interactions, how we perceive others, listening skills, emotions, language and nonverbal communications. By applying and mastering the concepts of interpersonal communication, individuals can im-

prove their listening and interaction with others, handle conflict and human differences more positively and productively, and form more tractable and supportive relationships in a variety of contexts.

Advisory: This is an upper-level communications course. Students should have knowledge equivalent to an introductory communications course before enrolling.

COM-335: ELEMENTS OF INTERCULTURAL COMMUNICATION (3 credits)

This course presents the many complex elements and processes involved in sending and receiving messages in intercultural contexts. Covers basic concepts, principles and skills for improving communications between persons from different racial, ethnic and cultural backgrounds. Satisfies the humanities general education requirement.

Advisory: This is an upper-level communications course. Students should have knowledge equivalent to an introductory communications course before enrolling.

COM-339: THE STORY OF HUMAN LANGUAGE (3 credits)

The Story of Human Language examines how language is created, acquired and utilized. Topics examined in this course include the origin of language, differences between animal and human language, sound and word formation, language acquisition, verbal and non-verbal utilization, and its regional, social and cultural variations. These topics are fundamental to a greater understanding of human language and its use and origins. Lastly, this course provides an essential foundation for advanced courses in linguistics.

COS-101: INTRODUCTION TO COMPUTERS (3 credits)

Introduction to Computers provides students with a broad, general introduction to hardware and software fundamentals, productivity software, graphics, digital media, multimedia, database applications, networking, the internet, and security and privacy issues as well as an introduction to object-oriented programming using the Visual Basic programming language.

System Requirement: Windows XP operating system; personal Internet access; an Internet browser like Netscape 8.1 or Internet Explorer 5.5 or higher; Microsoft Visual Basic 2010 (Express Edition recommended); and word processing software.

Note: This course requires that you use Visual Studio 2012 software, which is a Windows-based product and will not run on Macs. You can run this software and other Windows software on your Mac using Apple's Boot Camp technology or third-party virtualization tools like Parallels or VMWare Fusion. These tools make it possible to run Mac OSX and a Windows operating system side by side. This solution will require a Windows license.

COS-116: C PROGRAMMING (3 credits)

This course explains how to write, debug and run programs in C language. The course includes discussions of algorithms, data types, arithmetic, assignments, relation and repetition. Functions, arrays, pointers, character strings, structures and files are used. It is advisable to have completed an introduction to computer programming course or to have equivalent programming experience. Students must have regular access to a computer with C compiler software either on a Windows or MS-DOS computer or on a Macintosh with PC emulation or with SoftPC installed. A C compiler is not supplied by the University and must be acquired by the student prior to or at the start of the course. It is not possible to proceed through the course without a C compiler. The compiler should be a full implementation of the ANSI standard for C. An ANSI C++ compiler may be used because C is a supported subset in a C++ compiler. Complete documentation is required to handle compiler variants and operational problems.

COS-205: PYTHON PROGRAMMING (3 credits)

Python Programming enables students to implement fundamental principles of modern programming using the Python programming language and problem-solving techniques related to computing.

COS-206: R PROGRAMMING (3 credits)

This course introduces essential concepts and techniques of programming in the R computer programming language. It covers R variables, data types, arithmetic and logical operations,

environments, functions, flow control and loops. The course also discusses using R to get, clean and transform data, which is a critical step in any data analysis project. Upon completion of this course, students should be able to set up an R programming environment and perform common R programming tasks.

COS-213: C++ PROGRAMMING (3 credits)

This course explores C++ programming in the context of procedure and object-oriented software development. It covers writing, compiling and running programs in the C++ language. This course offers students a platform and direction to enhance their C++ knowledge, experience and skills.

Advisory: It is advisable to have knowledge in a course equivalent to COS-116 Programming with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

System Requirement: Students will need regular access to a computer with C++ compiler software, and may use the compiler that is provided with the course textbook or may use a compiler they already have.

COS-231: ASSEMBLY LANGUAGE (3 credits)

This course provides an introduction to the study of the basic structure and language of machines. Topics include basic concepts of Boolean algebra, number systems, language, addressing techniques, data representation, file organization, symbolic coding and assembly systems, use of macros, batch operation and job handling.

Advisory: It is advisable to have computer programming experience.

COS-241: DATA STRUCTURES (3 credits)

This course involves an investigation of various data structures, including stacks, queues, lists and trees, and searching and sorting techniques.

Advisory: Students taking this course will need access to a computer and compiler software and will be required to do programming in C++. Experience in C++ programming is advisable.

COS-330: COMPUTER ARCHITECTURE (3 credits)

This course covers the nature and limitations of computers. The CPU is covered in detail, including processor, control and memory design. Data path design and the ALU - both fixed and floating-point arithmetic - are covered. The course also includes pipeline and super scalar processing. Finally, the I/O system is studied in some detail.

Advisory: It is advisable to have completed two computer science courses prior to enrolling in this course.

COS-352: OPERATING SYSTEMS (3 credits)

This course concentrates on the design and function of the operating systems of multiuser computers. Topics include time sharing methods of memory allocation and protection, files, CPU scheduling, input/output management, interrupt handling, process synchronization, deadlocking and recovery and design principles.

Advisory: Knowledge in a course equivalent to COS-241 Data Structures with a grade of C or better is required to succeed in this course. It is highly recommended that students have completed COS-330 Computer Architecture or equivalent or have experience with C or UNIX. Students are responsible for making sure that they have the necessary knowledge.

COS-451: ARTIFICIAL INTELLIGENCE (3 credits)

This course provides an introduction to how Artificial Intelligence (AI) methods solve problems that are difficult or impractical to solve with other methods. The focus of the course is on learning how to determine when an AI approach is appropriate for a given situation, being able to select AI method and implementing it. AI methods will be chosen from heuristic search and planning algorithms, formalisms for knowledge representation, and reasoning techniques and methods applicable to expert systems and games.

Advisory: Students should be familiar with computer hardware and software as provided in an introductory computer science course, and they should have the sophistication of understanding material as demonstrated by successfully completing courses such as discrete math, discrete structures or computer architecture, or having similar practical experience. It is recommended, but not required, to have taken a course in computer programming. However, the course will not require programming.

CTR-211: ELECTRONIC INSTRUMENTATION AND CONTROL (3 credits)

This course focuses on the study of automatic testing of electronic devices, electronic instrumentation and control, physical properties and their measurement, industrial electronic circuit applications, interfacing process variables, motor control and servosystems, numeric control systems, programmable controllers and industrial robots.

Advisory: It is advisable to have completed courses in electric circuits, electronic devices and digital electronics.

CTR-212: PROGRAMMABLE LOGIC CONTROLLERS (3 credits)

Programmable Logic Controllers studies the development of the PLC, its components and operation, common methods of programming the PLC and its applications in industry. The course is designed for students in a technical curriculum or occupation who have not had previous knowledge of or experience with PLCs and who need to develop the requisite background and skills in PLC programming to further their education and careers.

DSI-200: ANALYZE THIS! INTERPRETIVE DATA ANALYSIS (3 credits)

Analyze This! Interpretive Data Analysis critically appraises how data is visualized, analyzed, computed, modeled and applied to answer questions. This course develops critical-thinking skills to solve real-world problems in an applied setting using data visualization, pattern recognition, human perception and understanding of statistical concepts in a nonmathematical framework.

EAS-101: GENERAL EARTH SCIENCE (3 credits)

In General Earth Science students discover what Earth is made of, what its history has been and "how it works." The course explains what went into making our planet as well as how it has changed and transformed in the 13.7 billion years since the Big Bang. Students will be introduced to Earth's structure, the elements that make it up and such by-products of the planet's ceaseless activity as earthquakes and volcanoes. The course also covers Earth's oceans

as well as its atmosphere and climate. Course content is drawn from the Teaching Company's course "How the Earth Works" presented by Dr. Michael E. Wysession.

EAS-131: INTRODUCTION TO METEOROLOGY (3 credits)

Bringing together geography, chemistry, physics and other scientific disciplines, the course will cover topics including meteorological elements, air masses, synoptic, regional and local scale weather systems; severe weather; meteorological observation, instrumentation and forecasting; aviation weather; agricultural meteorology; and air pollution, global warming, climate change and renewable energy applications.

EAS-201: THE SCIENCE OF DISASTERS (3 credits)

Designed both for professionals working in the field and for students seeking a science elective, this course focuses on developing a scientific understanding of the causes and mechanisms of common natural disasters. The perspective is global and historical while focusing on contemporary events and potential for catastrophe. The emphasis of the course is on earthquakes, volcanic activities, flooding and severe storms, and the consequent secondary disasters they can trigger. The course also addresses some of the social, economic and political ramifications of these events.

ECO-111: MACROECONOMICS (3 credits)

This course deals with the economy as a whole. Includes the meaning and measurement of the gross domestic product, the effects of government expenditure and taxation, causes of inflation and unemployment, government deficit and debt, and international trade and the balance of trade.

Advisory: It is advisable that students have 3 credits of college-level mathematics.

ECO-112: MICROECONOMICS (3 credits)

This course deals with the economic behavior of individuals and companies. Includes supply and demand, elasticities, consumer behavior, competition and the labor market.

Advisory: It is advisable that students have 3 credits of college-level mathematics.

ECO-490: INTERNATIONAL ECONOMICS (3 credits)

This course examines in depth the basic principles of international economics, providing perspective on the growing global economic interdependence among nations. Includes strategic trade policy, exchange rate forecasting and environmental regulatory policies, among other topics.

Advisory: To be successful in this course, students should have earned 6 credits in economics or have comparable knowledge and experience.

EGM-211: STATICS (3 credits)

Statics is a branch of the science of mechanics that deals with bodies at rest. The course focuses on the following basic concepts: force and force systems; coplanar force systems; concurrent force systems; spatial force systems; and their combinations. For various force systems, two key issues will be emphasized: the resultant of a force system and the equilibrium of a force system. The concepts of moment of a force and torque will then be discussed. In addition, the concepts of centroids, centers of mass and moments of inertia will be presented. A special type of force, frictional force, will be discussed. Application examples to engineering and technical areas will be demonstrated.

EGM-321: THERMODYNAMICS (3 credits)

This course investigates the basic properties and behavior of thermodynamic systems. Topics include temperature, pressure, work and heat, and heat transfer. The laws of thermodynamics ideal with gas equation, calorimetric, thermal processes and entropy will be covered. Fundamental thermodynamic principles are applied to the analysis of heat engines, generation facilities and refrigeration cycles.

EGM-323: HEAT TRANSFER (3 credits)

This course focuses on heat transfer by modes of conduction, convection and radiation, including the fundamental principles of heat transfer and radiation and application to the solution of industrial heat transfer problems.

EGM-331: FLUID MECHANICS (3 credits)

This course covers fundamental fluid statics, including manometer, forces on submerged surfaces and Archimedes' principle. Details of the course include one-dimensional incompressible flow; conservation laws and application to flowing systems, cavitation, impulse-momentum problems, vanes; and pipe flows, laminar analyses, turbulent flows with emphasis on calculation of fluid properties. Other topics include one-dimensional compressible flow; conservation laws; specialization to isentropic situation; and nature of speed of sound. Applications including effects of area change, converging and diverging nozzles, choking phenomena's and normal shock waves.

ELC-201: ELECTRONIC COMMUNICATION SYSTEMS (3 credits)

This is a comprehensive course in AM, FM and single-sideband communication systems and an introduction to digital transmission. The course is designed to familiarize students with transmitters, receivers, modems, noise analysis, information theory, pulse modulation, sampling, coding, multiplexing and other signal processing techniques used in commercial broadcasting and data transmission systems.

Advisory: It is advisable to have completed courses in basic algebra and trigonometry as well as basic electronics including transistors.

System Requirement: Windows 2000/XP/Vista/7/8

Note: This course requires that you use NI Circuit Design Suite software, which is a Windows-based product and will not run on Macs. You can run this software and other Windows software on your Mac using Apple's Boot Camp technology or third-party virtualization tools like Parallels or VMWare Fusion. These tools make it possible to run Mac OSX and a Windows operating system side by side. This solution will require a Windows license.

ELD-302: DIGITAL ELECTRONICS (3 credits)

Digital Electronics is a course of study in applied digital logic using electronic digital circuits. Students will learn about digital electronic fundamentals including number systems, logic gates, Boolean algebra, logic families circuit design, flip-flops, combinational and synchronous logic circuit design, logic

minimization techniques (Karnaugh maps, Quine-McCluskey), counters, shift registers, encoders and decoders, multiplexors and demultiplexors, interfacing and microprocessors.

System Requirement: Windows 2000/XP/Vista/7/8.

Note: This course requires that you use NI Circuit Design Suite software, which is a Windows-based product and will not run on Macs. You can run this software and other Windows software on your Mac using Apple's Boot Camp technology or third-party virtualization tools like Parallels or VMWare Fusion. These tools make it possible to run Mac OSX and a Windows operating system side by side. This solution will require a Windows license.

ELD-311: MICROPROCESSORS (3 credits)

This course covers the principles and applications of microprocessors, including hardware and software, interfacing, assembly language programming and microprocessor-based systems. Eight-, 16- and 32-bit microprocessor technology and features are presented. This course includes a lab.

ELD-400: ADVANCED MICROPROCESSORS (3 credits)

This course covers microprocessor architecture and register organization, multiprogramming, process scheduling and synchronization, and multitasking. Memory management and privileged machine states are also covered as are 32-bit machines and reduced architectures, including the RISC approach and MIPS.

ELE-211: DC CIRCUITS (3 credits)

This course covers the fundamental concepts of electricity, batteries, DC series, parallel and complex circuits, electrical conductors, electromagnetism and magnetic circuits, and DC electrical indicating instruments.

Advisory: Proficiency in a course equivalent to at least MAT-115 Intermediate Algebra is needed to succeed in this course.

System Requirement: Windows 2000/XP/Vista/7/8.

Note: This course requires that you use NI Circuit Design Suite software, which is a Windows-based product and will not run on Macs. You can run this software and other Windows software on your Mac using Apple's Boot Camp technology or third-party virtualization tools like Parallels or VMWare Fusion. These tools make it possible to run Mac OSX and a Windows operating system side by side. This solution will require a Windows license.

ELE-212: AC CIRCUITS (3 credits)

Covers an introduction to alternating current, inductance, capacitance, inductive and capacitive reactance, fundamental AC circuitry and single phase transformer.

Advisory: Knowledge of basic DC circuits (or a course equivalent to ELE-211 DC Circuits) and an understanding of trigonometric functions (or proficiency in a course equivalent to at least MAT-129 Precalculus) is needed to succeed in this course.

System Requirement: Windows 2000/XP/Vista/7/8.

Note: This course requires that you use NI Circuit Design Suite software, which is a Windows-based product and will not run on Macs. You can run this software and other Windows software on your Mac using Apple's Boot Camp technology or third-party virtualization tools like Parallels or VMWare Fusion. These tools make it possible to run Mac OSX and a Windows operating system side by side. This solution will require a Windows license.

ELT-306: SOLID STATE DEVICES AND CIRCUITS (3 credits)

This course focuses on analysis and design considerations for electronic amplifiers and power supplies using semiconductor devices, including Class A amplifiers using bipolar transistors will be analyzed with an emphasis on frequency response, power dissipation and efficiency.

ELT-307: LINEAR AND INTEGRATED CIRCUITS (3 credits)

This course studies operational amplifiers and their use in linear systems, such as inverting and noninverting amplifiers, comparators, comparators with hysteresis and signal generators.

ELT-308: INDUSTRIAL ELECTRONICS (3 credits)

Industrial Electronics is the study of devices, circuits and systems primarily used in automated manufacturing and/or process control including computer controls and interfacing between mechanical, electrical, electronic and computer equipment. Includes presentation of programming schemes.

ELT-490: ELECTRONICS ASSESSMENT/CAREER PLANNING (3 credits)

This course is an in-depth, student-centered activity that requires electronics engineering technology self-diagnostic assessment, the integration of research in current electronics employment, the development of a comprehensive curriculum vitae, practical career planning, interviewing strategies and the application of advanced math concepts to electronics engineering technology situations. Students will participate in career-focused activities that include building a curriculum vitae or professional resume and knowing how to interview successfully. The knowledge and skills acquired in this course are directly applicable to students who are seeking a job, a promotion or moving to a new skill area.

Prerequisites: Completion of MAT-231 Calculus I, MAT-232 Calculus II, PHY-115 Physics I, PHY-116 Physics II, CHE-121 Chemistry I, ELE-211 DC Circuits, ELE-212 AC Circuits, ELT-306 Solid State Devices and Circuits, ELT-307 Linear and Integrated Circuits, ELD-302 Digital Electronics, ELD-311 Microprocessors and ELC-201 Electronics Communications Systems. Please note. Prior to registering for this course you are required to schedule an Academic Advising appointment. Instructions on how to schedule an appointment are located on our website <http://www.tesu.edu/current-students/Make-Advising-Appointment.cfm>. Questions should be addressed to the School of Applied Science and Technology at appliedscienceandtech@tesu.edu or by calling (609) 984-1130, ext. 3195.

ELT-495: ELECTRONICS ENGINEERING TECHNOLOGY CAPSTONE (4 credits)

The Electronics Engineering Technology Capstone is an in-depth, student-centered activity that requires the integration of theory and practical experience. Students will apply the skills and techniques they have learned to a specific project. The project will identify a real-world electronics engineering technical problem, issue, event, developing technology or case study in which the student will conduct research by exploring, evaluating and theorizing a solution in a final paper. On successful completion of the course, students will have met the learning outcomes of the BSAST degree program in Electronic Systems Engineering Technology.

Prerequisite: Completion of Electronics Assessment/Career Planning (ELT-490).

ENC-101: ENGLISH COMPOSITION I (3 credits)

This course emphasizes basic expository writing skills that enhance the skills needed for academic and business writing. Includes essay writing.

ENC-102: ENGLISH COMPOSITION II (3 credits)

The course presents expository writing skills that expand upon skills learned in English Composition I. Emphasizes research-paper writing.

Advisory: It is advisable to have knowledge in a course equivalent to ENC-101 English Composition I with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

ENG-201: TECHNICAL WRITING (3 credits)

This course focuses on developing the skills needed to communicate effectively in the workplace. Provides strategies for writing clear and concise reports, proposals and correspondence, and explores the principles of good design and how to use visuals in documents. Satisfies the humanities general education requirement.

Advisory: Students should have successfully completed English Composition I and II prior to enrolling. Students cannot earn credit for both ENG-201 and ENG-202.

ENG-202: TECHNICAL COMMUNICATION (3 credits)

Technical Communication is designed for students to develop skills that will enable them to produce clear and effective technical documents within multiple media with the consideration of ethical and legal issues. In particular, this course will teach students how to successfully articulate and communicate necessary information through explicit and concise writing. While the emphasis of this course will be on writing, oral communication will form an important component of the course as well. Additionally, Technical Communication focuses on the workplace and the needs of a professional rather than an academic setting and the needs of a student.

Advisory: Students cannot earn credit for both ENG-201 and ENG-202.

ENG-205: HISTORY OF THE ENGLISH LANGUAGE (3 credits)

History of the English Language encompasses an overview of the derivation, alterations, influences and significance of the English language throughout the world. The course traces English language from its roots through its earliest written words up until the present day. While completing the work of the course, students will gain an understanding of the chronology of changes that have affected the English language. They will explore fundamental changes in the English language regarding morphology, phonology, syntax, semantics and vocabulary. Additionally, students will examine changes in the grammar and sounds of Old and Middle English throughout the centuries. Students will also analyze social, cultural and historical forces influencing the English language.

ENG-298: JANE AUSTEN: PRIDE AND PREJUDICE (1 credits)

Jane Austen: Pride and Prejudice is a course that focuses on the novel by Austen and the ways in which she expressed her concerns and preoccupations with the changes that occurred in her time. These changes included: the status of women; the interconnection between marriage, money and love; and the relationship between social status and wealth. Students will have an opportunity to extend their critical and analytical abilities by assessing those issues and their influence on Austen's central characters.

ENG-393: ONE WRITER'S VISION: JANE AUSTEN (3 credits)

Exploring three of Jane Austen's novels, this course emphasizes the ways in which the author expresses her concerns about the changes that were occurring in her time - specifically, the changes involving the status of women; the interconnection between marriage, money and love; and the relationship between social status and wealth. Students use their critical and analytical skills by assessing those issues and their influence on Austen's central characters.

Advisory: Students should please consider carefully whether they want to register for ENG-393-OL, which is a 3-credit course, or ENG-298-OL, which is a 1-credit course that requires students to read only one of the three novels required in the former. It is not possible to earn credit for both of these courses, either by registering simultaneously, or by registering for one and then for the other at a future date. This is an upper-level literature class. Students should be familiar with the vocabulary and conventions of literary analysis as well as the correct use of Modern Language Association (MLA) style documentation. Before enrolling in an upper-level literature course, students are strongly encouraged to complete English Composition II and one or more introductory literature courses and/or have equivalent knowledge.

ENS-314: GLOBAL ENVIRONMENTAL CHANGE (6 credits)

This course covers the fundamentals of global environmental science and the ecological principles necessary to understand the factors required to maintain ecological stability and preserve worldwide resources. There are six themes considered: the biosphere; population growth; energy; resources; biodiversity; and worldwide resources.

Advisory: This is an upper-level course. Students should have the knowledge equivalent to one science course.

ENS-360: ENVIRONMENTAL SUSTAINABILITY AND SOCIAL JUSTICE (6 credits)

This course is designed to enhance the student's awareness of global sustainability and of the relationship between sustainability and social justice issues. Students will analyze the principles of sustainability and relate them to their understanding of environmental science and U.S. environmental policy. Biodiversity, population growth, extinction and resource use are just a few of the topics that students will view in a sustainable and socially equitable context. This course will provide students with the background required for developing strategies for a sustainable and just future.

ETH-230: ETHICS IN THE DIGITAL AGE (3 credits)

This course introduces central ethical issues of digital media, ranging from computers and the internet to mobile phones. Student will be exposed to issues from a global perspective, introducing ethical theories from multiple cultures. The material will allow

student to acquire a global perspective on the central ethical issues of digital media, including privacy, copyright, pornography and violence, and the ethics of cross-cultural communication online.

EUT-302: GAS COMBUSTION (3 credits)

This course provides students with the fundamentals of gas combustion, including knowledge and skills to diagnose combustion problems and make the proper adjustments to obtain complete combustion at the rated input using standard tools.

EUT-309: GAS DISTRIBUTION (3 credits)

Gas Distribution provides the students with the basics of the exploration, production, transmission and delivery of natural gas. Topics include history and scope of the natural gas industry, the construction and maintenance of the delivery system, regulatory requirements and the pressure regulation for transmission, distribution and commercial and residential systems. Safety for the customer, community and the infrastructure is stressed.

EUT-401: REGULATORY POLICY AND PROCEDURES (3 credits)

This course provides learners with an understanding of regulatory policies and procedures in the electric and natural gas energy utilities. Electric utility operations consist of producers and delivery organizations responsible for transmission and distribution to customers. Natural gas operations include well drilling, transportation pipelines, storage and local distribution organizations. Course topic areas will include types of utilities, natural utility monopolies versus deregulation, decisions involving socioeconomic responsibilities and profitability, and the impact of current trends on utilities.

EUT-402: APPLIED ECONOMIC ANALYSIS (3 credits)

This course provides learners with an understanding of the utility regulatory economics necessary for understanding rate structuring, applications of economic principles for the operation of regulated and nonregulated

utility operations, and economic analysis characteristics for financial operations.

FDR-440: FUNDRAISING FOR NONPROFITS (3 credits)

This course actively engages students in mastering the concepts and tools needed to help nonprofit organizations achieve their mission and objectives through well-established fundraising techniques. Students will learn how to assess an organization's fundraising capabilities, conduct prospect research, conduct an annual fund drive, solicit grants from corporations and foundations, cultivate and secure major gifts, design planned giving instruments to meet the needs of donors, carry out a capital campaign, and set up information technologies to track fundraising efforts and assist with the stewardship of gifts. The course emphasizes applications, and students will complete a fundraising plan during the semester for a specific organization of their choosing.

Advisory: Students will need access to Microsoft PowerPoint in order to produce their final project.

FIL-110: AMERICAN CINEMA (3 credits)

For more than a century, audiences around the world have learned about America by watching American motion pictures. American Cinema is an introduction to the history and language of this most influential art form. Filmmaking involves both art and craft (industry), and a deeper understanding of each creates a more critical viewer. Films, as with any artistic creation, are reflections of the culture in which they are created; they are also a reaction to change and an expression of people's relationship to the world around them. In this course, students will study the significance of the invention of the motion picture camera, the rise of the studio system, the Hollywood Style and the production of popular genres such as the Western, the comedy, the combat film and horror films/science fiction. Even a casual moviegoer's experience is deepened by a greater understanding of and appreciation for the technical and social makeup of American cinema

FIN-301: PRINCIPLES OF FINANCE (3 credits)

This course provides an introduction to financial management and the business environment in which financial decision makers function. Emphasizes analytical tools and their use in solving financial problems.

Advisory: It is advisable to have knowledge in a course equivalent to ACC-101 Principles of Financial Accounting with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

FIN-314: SMALL BUSINESS FINANCE (3 credits)

This course examines the application of basic financial management techniques focuses on the financial aspects of starting and running a business (100 or more employees). The core financial aspects of business entrepreneurship and problems encountered by those starting and running a small business are covered through the discussion of financial topics including working capital management, time value of money, financial statements, small business administration programs succession planning, financing options and alternative solutions to commonly discovered problems. Case studies are used to illustrate a macro overview and micro approach in developing and meeting company objectives.

Advisory: This is an upper-level finance course. It is advisable to have knowledge in a course equivalent to FIN-301 Principles of Finance with a grade of C or better to succeed in this course. Students are responsible for making sure they have the necessary knowledge.

FIN-321: SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT (3 credits)

This course provides an introduction to investment alternatives, security analysis and portfolio construction. Topics include: the environment in which investment decisions are made; markets for the purchase and sales of securities; risk and return — their measurement and use in the construction of the individual's portfolio; taxation; and the efficiency of financial markets as well as specific investments: debt instruments — corporate bonds, federal government securities and municipal bonds; equity investments; put and call

options; investment companies; and nonfinancial assets such as real estate, gold and collectibles.

Advisory: This is an upper-level finance course. It is advisable to have knowledge in FIN-301 Principles of Finance, MAT-119 Quantitative Business Analysis or MAT-121 College Algebra, and STA-201 Principles of Statistics with grades of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

FIN-331: FINANCIAL INSTITUTIONS AND MARKETS (3 credits)

This course examines financial institutions and systems as well as the relationship of U.S. capital markets to global markets. This involves the effects of interest rates and asset demand including stocks, bonds, options and futures, and their fundamental relationships within the financial market structure. The course analyzes the efficiency of financial markets and the role of central banks (especially the Federal Reserve System); in addition, the course examines the conduct of monetary policy to determine its effect on financial markets. Emphasis is given to the bond, stock and money markets, and their relationship to the management of financial institutions and financial regulations. The functions of the mutual fund industry, insurance companies and pension funds are discussed and evaluated for risk and ethical considerations.

FIN-334: INTERNATIONAL FINANCE (3 credits)

International Finance analyzes the way that the monetary and economic environments (as influenced by exchange rates and foreign investment) affect multinational enterprise. The course examines capital flows, trade deficits and international investments to determine their effects on international trade. The course also evaluates futures and options in currency swaps in order to determine their effects on purchasing power parity, the international marketplace and multinational business enterprise.

FIN-382: RISK MANAGEMENT (3 credits)

Risk Management presents an overview of the measurement and management of risks in modern financial institutions. The course begins with a review of topics, such as the efficient frontier and capital asset pricing model (CAPM) that serve as a basis for understanding risk-return analysis. The course then moves on to examine various tools used in measuring and analyzing risks, placing emphasis on value at risk (VaR) approaches. This course also discusses off-balance-sheet items such as loan commitments and securitization and examines the role of regulators in controlling such risks. As a foundation for understanding financial crises, the course describes the U.S. mortgage market, asset-backed securities (ABSs) and collateralized debt obligations (CDOs). Finally, the course evaluates the benefits of scenario analysis and stress testing.

Advisory: This is an upper-level finance course. It is advisable to have knowledge in FIN-301 Principles of Finance, MAT-119 Quantitative Business Analysis or MAT-121 College Algebra, and STA-201 Principles of Statistics with grades of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

FIT-190: FIRST AID, CPR, SAFETY (3 credits)

This course provides a basic course in safety concepts and accident prevention as they apply to exercise settings. Liability issues and insurance issues will be explored. Students will be required to demonstrate successful completion of a basic Cardiopulmonary Resuscitation (CPR) course and a standard first aid course. Current certification in each of these areas is required.

Advisory: For one assignment, students will need a digital camera or a 35mm camera and access to a film processing service providing digitization of 35mm film or to a scanner. This assignment requires access to an exercise facility.

FIT-211: KINESIOLOGY
(3 credits)

Areas of study include the examination of internal and external forces that act on the human body during movement, exercise and athletics; a study of the scientific principles of body mechanics, including general anatomy and physiology; and the interaction of the neuromuscular system with movement.

Advisory: Online course students will need either a digital camera, a 35mm camera along with film or an instant camera with film; access to a film processing service if they use the 35mm camera; access to a VHS video camera; and a blank videotape if they lack digital recording capability.

FIT-230: INDIVIDUAL ASSESSMENT OF FITNESS AND WELLNESS
(3 credits)

This course will allow students who are interested in careers in the fitness industry to obtain skills in fitness assessment. Students will learn how to design personalized physical fitness plans for clients with varying levels of fitness and wellness.

Advisory: It is advisable to have knowledge in a course equivalent to BIO-101 Introductory Biology or BIO-211/212 Anatomy and Physiology I and II with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. Students will need a video recorder and blank videotapes and will need regular access to a well-equipped fitness center. Students will do lab activities on a volunteer participant (who they must find) and videotape the activity. Plan to deliver final project via the U.S. Postal Service.

System Requirement: Excel or another graphing program is needed for assignment.

FIT-250: PRINCIPLES AND PROGRAMS OF FITNESS AND WELLNESS (3 credits)

This course provides an introduction to theories of physical fitness, the effects of exercise on humans, concepts of wellness, specific methods to improve physical fitness, research bases of the application of techniques and a review of the variety of equipment and resources that these programs utilize. Reviews services available for achieving and maintaining physical fitness and wellness. Explores multicultural approaches to concepts of physical fitness and wellness.

Advisory: This course requires access to an exercise facility.

FIT-280: EXERCISE AND NUTRITION FOR SPECIAL POPULATIONS
(3 credits)

This course explores the basic nutrition and physical fitness needs of older people, women, the disabled, those who are pregnant and other special populations. Differentiation between conditions that need referral and specialized services and conditions that can be treated in a regular setting is essential.

Advisory: This course requires access to an exercise facility.

GEO-151: PHYSICAL GEOLOGY
(3 credits)

This course acquaints the student with how earthquakes, active volcanoes and other geologic formations and processes relate to the theory of plate tectonics. The history of the theory of plate tectonics also illustrates how the scientific process works and how scientists propose hypotheses, gather evidence, discard ideas and modify them to support existing knowledge. The course stresses that Earth continues to evolve and that its future depends on our actions of today.

GER-312: BIOLOGICAL ASPECTS OF AGING (3 credits)

The aging process is one that we all must experience whether it is our own life or that of a loved one. This course is a comprehensive overview of the common and uncommon physical and psychosocial changes associated with aging. Factors that are believed to cause or influence the aging process, various theories of aging, common physiological changes, age-related pathologies, long-term care, death, dying and grieving are also explored.

Advisory: This is an upper-level course. Students should have the knowledge equivalent to one biology course.

GLB-301: GLOBAL ISSUES AND SOCIETY (3 credits)

What will our world look like in 2025? This course examines the impact of The Seven Revolutions that are major forces at work shaping our world today: world population growth, scarce global resources, advancing technology and its

diffusion, the flow of information and knowledge, global economic integration, the nature and mode of conflict and the challenges of governance. Students will be exposed to multiple academic fields of study. Students will develop both a comprehensive understanding of some of the major global issues and a heightened appreciation for how diverse topics are interrelated. The purpose of this course is to educate and encourage the development of globally competent citizens and leaders.

Advisory: To be successful in this course, students should have earned 6 credits in the social sciences.

GOG-230: WORLD GEOGRAPHY
(3 credits)

Focusing on the processes of globalization, this course provides an opportunity to explore all of the world's major regions, examining the similarities, differences and interrelationships among places caused by their historic, economic, cultural and political geographies.

HEA-305: WOMEN'S HEALTH
(3 credits)

This course explores what women and men need to know about women's bodies and women's health. Personal, family, cultural, community and societal influences are analyzed for their impact on the physical and emotional health of women. Emphasis on human sexuality is addressed in discussion related to body image and intimacy. Health risk identification, health promotion, health maintenance and treatment alternatives are examined. Men are encouraged to participate in the course to add perspective and gain a more in-depth understanding of women.

HEA-306: MEN'S HEALTH (3 credits)

This course explores the societal, economic, cultural and gender influences that shape men's health beliefs and practices. Common health problems and strategies effective in promoting men's health and well-being are explored. Reflection on the positive outcomes of healthy men at home, at work and in society is threaded throughout this course.

HIS-101: WESTERN CIVILIZATION I
(3 credits)

This course surveys the history of Western societies, institutions and ideas, and the impact they have had on global culture over time. Starting with the emergence of a European civilization that was distinct from the classical world on whose foundations it was partly built, this course traces the major developments in the formation of Western civilization to the final defeat of Napoleon in 1815. The course synthesizes various approaches to the telling of history by focusing on political as well as social events. Integrating such diverse disciplines as religion, government and economics, it aims to provide a foundation of knowledge that will allow students to better understand the origins of social, political and religious institutions of the present day.

HIS-102: WESTERN CIVILIZATION II
(3 credits)

This course is the second semester of a two-semester survey of the history of Western societies, institutions and ideas, and the impact they have had on global culture over time. Starting with the Industrial Revolution it traces the major developments in Western civilization from emergence of an industrial society to modern times, offering a broad overview of events that played an important role in shaping western thought, culture and tradition as we know them today.

HIS-113: AMERICAN HISTORY I
(3 credits)

This course focuses on the origin and growth of the United States from 1492 to 1865. Examines the social, economic and political development of the country, highlighting major events that took place from the settlement of Jamestown to the Civil War.

HIS-114: AMERICAN HISTORY II
(3 credits)

This course focuses on the transformation of the United States from 1877 to the present, from its reconstruction after the Civil War to its emergence as a world leader.

HIS-210: AMERICAN CIVIL RIGHTS MOVEMENT (3 credits)

This course examines the impact of the civil rights movement of the 20th century on American society. Offers a comprehensive history of the people, stories, events and issues in the struggle for social justice in the United States.

HIS-235: AMERICAN CIVIL WAR
(3 credits)

This course examines the Civil War – its causes, the reasons the North won and the assassination of Abraham Lincoln – featuring both the generals and enlisted men on the battlefields, and the politicians and families on the home front.

HIS-261: INTRODUCTION TO CHINESE HISTORY AND CULTURE
(3 credits)

This course provides an insight into the Chinese people, their history and the challenges they face – political, social, economic and cultural – in their search for a Chinese pattern of modernity.

HIS-301: AFRICAN HISTORY AND CULTURE (3 credits)

This course examines the history and evolution of Africa's geography, people and societies, including the impact of external influences. Identifies and explores geographic and climactic processes and the ecological context in which they occurred.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory history course.

HIS-306: AFRICAN AMERICAN HISTORY (3 credits)

This course will survey African American history from precolonial Africa through the present. It will introduce students to key concepts in African American history from early beginnings in indigenous Africa through the transatlantic slave trade, the Civil War, emancipation, Reconstruction, the civil rights era and into the present. The course will highlight major social events and processes, individuals and ideas, documents and social programs to chart the social and communal outcomes, past and present positions, and future implications for African Americans.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory history course.

HIS-310: THE MIDDLE EAST
(3 credits)

This course examines factors such as geography, religion, culture and politics that have influenced the course of Middle Eastern history and continue to influence events today.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory history course.

HIS-356: WAR AND AMERICAN SOCIETY (6 credits)

War and American Society focuses on the various ways in which America has dealt with war and the changes that have taken place in American society as a result of war. The course considers the following wars: the Revolutionary War, the War of 1812, the Mexican War, the Civil War, the Spanish-American War, World War I, World War II, the Korean War, the Vietnam War, the Persian Gulf War, the wars in Afghanistan and Iraq, and the War on Terror. A major emphasis is placed on the humanities approach, addressing war and American society from historical, literary, artistic and philosophical perspectives.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory history course.

HIS-425: DIALOGUES ON THE EXPERIENCE OF WAR: WAR AND REINTEGRATION (6 credits)

Dialogues on the Experience of War: War and Reintegration (HIS425) focuses on the various ways in which Americans have dealt with war and its effects on service members. A major emphasis is placed on the humanities, addressing war and the trauma associated with it from historical, literary and philosophical perspectives.

HIS-355: CRITICAL THINKING FOR HOMELAND SECURITY (3 credits)

This course offers an overview of critical thinking and its applications in the homeland security context. The focus is on essential elements of thought, asking the right questions, uncovering fallacies in reasoning and statistical misrepresentation.

sentations. Evidence evaluation in a homeland security setting is featured with several examples interpreting real-world information.

Advisory: This is an upper-level course. Students should have knowledge and skills in critical thinking.

HLS-410: COUNTERTERRORISM: CONSTITUTIONAL AND LEGISLATIVE ISSUES (3 credits)

This course explores various legal aspects of terrorism and counterterrorism, including counterterrorism practices since Sept. 11, 2001. The course examines the tools used in the fight against terrorism, such as the USA PATRIOT Act, U.S. intelligence agencies, law enforcement agencies and tribunals. The course also discusses the legal and ethical impact of the “war on terrorism” on the civil liberties of U.S. citizens and noncombatants.

Advisory: To be successful in this course, students should have earned 6 credits in homeland security or have comparable knowledge and experience.

HLS-420: HOMELAND SECURITY: PREPAREDNESS, PREVENTION AND DETERRENCE (3 credits)

This course focuses on how strategic planning, incident control systems and intelligence techniques combine to provide the necessary foundation for anti-terrorism and emergency preparedness. Topics covered include infrastructure protection, National Incident Management System, threat and vulnerability assessments, information sharing, resource planning and other issues relating to terrorism prevention and deterrence.

Advisory: To be successful in this course, students should have earned 6 credits in homeland security or have comparable knowledge and experience.

HLS-429: PROTECTING THE HOMELAND: RESPONSE AND RECOVERY (3 credits)

This course focuses on processes, procedures and available resources in responding to and guiding recovery from disaster events. Topics covered include planning, leadership, technology, information gathering, coordination, communication and other

issues relating to response and recovery from disaster and terrorism scenarios.

Advisory: To be successful in this course, students should have earned 6 credits in homeland security or have comparable knowledge and experience.

HLS-498: HOMELAND SECURITY CAPSTONE (3 credits)

This course is designed to provide students with an opportunity to demonstrate the knowledge and skills that they have acquired in their academic program. Students will be guided through a process that includes self-reflection on their studies within the discipline of Homeland Security and Emergency Management and the selection of a topic that will become the basis of their paper. That paper will demonstrate a critical examination and evaluation of their selected issue(s); students will incorporate key terms, concepts and issues, and historical and current theoretical concepts of their topic area into their final paper. Students will produce a final paper that truly reflects the depth and breadth of the knowledge acquired while completing their Bachelor of Science degree in Homeland Security and Emergency Management requirements at Thomas Edison State University.

Advisory: This is an upper-level course to be taken upon completion of all other BS degree in Homeland Security and Emergency Management requirements.

HPS-200: STATISTICS FOR THE HEALTH PROFESSIONS (3 credits)

The focus of this course is on exploring the statistical methods used in health professions. Students review parametric and nonparametric techniques and explore the purpose, assumptions, selection and interpretation of descriptive and inferential statistics. As part of the course, students use MS Excel to organize and analyze data sets.

Advisory: Students are required to have access to Microsoft Excel software preferably running on a Windows platform or have the capability of saving Excel files in PC-readable format.

Notes: Open to all undergraduate University students, this course meets the Quantitative requirement for BSN students and satisfies the statistics prerequisite for NUR-418 - Research in Nursing and NUR-530-NG Evidence-Based Nursing Practice in the MSN degree program at Thomas Edison State University. This course cannot be used as a

graduate nursing elective. This course meets the mathematics requirement for BSN students and satisfies the statistics advisory for NUR-530-NG Evidence-Based Nursing Practice in the MSN degree program at Thomas Edison State University. This course cannot be used as a graduate nursing elective.

HUM-101: INTRODUCTION TO THE HUMANITIES I: PHILOSOPHICAL THOUGHT (3 credits)

This course examines the question: How do we live a meaningful life? Drawing from a range of Western philosophers, the course examines the basic tension between the Greco-Roman tradition of secular humanism and the traditions of theistic religion (Judaism, Christianity and Islam). Students will absorb and digest philosophical ideas from Plato, sacred texts (the Bible and the Quran), Karl Marx, Friedrich Nietzsche, Jean-Paul Sartre, Viktor E. Frankl and Simone Weil, among others. Course content consists of a series of half-hour video lectures along with text readings. Throughout, the course challenges students to consider and reconsider what constitutes a meaningful life. This course is based on the course “Philosophy, Religion, and the Meaning of Life” from the Teaching Company.

HUM-102: INTRODUCTION TO THE HUMANITIES II: DRAMA, POETRY AND NARRATIVE (3 credits)

This course surveys classics of Western literature in their cultural context. The course is divided into three parts, each focused on one of the genres featured in the course title. The first section of the course considers the sweep of drama from its earliest religious and ritual context (Oedipus the King) to works that reflect a culture adrift from its moorings (Waiting for Godot). The second section presents poetry as a “rediscovering of common experience,” beginning with William Shakespeare’s sonnets and moving through William Blake, Walt Whitman, Emily Dickinson, Robert Frost and Adrienne Rich. In the third part of the course, a survey of narrative literature, students read and discuss authors such as Charles Dickens, Emily Brontë, Herman Melville, Franz Kafka and Alice Walker.

HUM-103: INTRODUCTION TO THE HUMANITIES III: MUSIC (3 credits)

This course discusses and helps students appreciate representative works of Western music in relation to their historical contexts. The course takes a three pronged approach. First, it examines the historical, social, political and religious environments that shaped the composers under study and their musical styles. Second, it focuses on certain representative works as examples of their times and as objects of art unto themselves. Finally, it develops listening skills and a musical vocabulary that allows students to isolate and identify certain types of musical phenomena. Students will emerge from the course with an expanded appreciation of the language of music. Course content is drawn from the Teaching Company's "How to Listen to and Understand Great Music" by Dr. Robert Greenberg.

HUM-104: INTRODUCTION TO THE HUMANITIES IV: FINE ARTS AND ARCHITECTURE (3 credits)

This course surveys the great works of Western painting, sculpture and architecture from 800 A.D. to the mid-20th century. These works are examined within the political, religious and social context of their time, allowing students to understand both why the artwork was created by the artist and how it was at the same time a response to a particular set of historical circumstances. Students will emerge from the course with a better grasp of how to view art with both understanding and enjoyment. Course content is drawn from the Teaching Company's "A History of European Art" by Professor William Kloss.

HUS-101: INTRODUCTION TO HUMAN SERVICES (3 credits)

Introduction to Human Services provides a broad overview of the human services field. Students will be introduced to the social problems addressed by human service workers as well as to typical practice settings and techniques. Introduction to Human Services will help students understand the qualities and skills required of workers in this field while encouraging students to look at their own characteristics to help determine their ideal role. Students will

gain a perspective on the history of the field as well as the issues that typically arise in the areas of law, ethics, values and human diversity. The course also discusses group work, program planning and tips for recognizing burnout and managing stress.

HUS-295: ASSOCIATE-LEVEL HUMAN SERVICES CAPSTONE (3 credits)

The course is an in-depth, student-centered experience that requires the integration of theory and practical experience. In this course students apply the skills and techniques they have learned as well as their knowledge of agencies and culturally diverse client populations to a specific project. The project will identify an issue, problem, information gap or creative endeavor in which the student will explore, research, evaluate and theorize in a final paper. On successful completion of the course, students will have met the learning outcomes of the Associate in Arts in Human Services degree program.

Advisory: Only students matriculated in the Associate in Arts in Human Services degree program may enroll in this course. Students must also have completed all required courses before enrolling in the Capstone course.

HUS-495: BACHELOR-LEVEL HUMAN SERVICES CAPSTONE (6 credits)

The course is an in-depth, student-centered experience that requires the integration of theory and practical experience. Students will apply the skills and techniques they have learned as well as their knowledge of agencies and culturally diverse client populations to a specific project. The project will identify an issue, problem, information gap or creative endeavor in which the student will explore, research, evaluate and theorize in a final paper. On successful completion of the course, students will have met the learning outcomes of the Bachelor of Science in Human Services degree program.

Advisory: Only students matriculated in the Bachelor of Science in Human Services degree program may enroll in this course. Students must also have completed all required and professional track courses before enrolling in the Capstone course.

JOU-352: NEWS WRITING (3 credits)

This is a comprehensive journalism course designed to teach students how to start, develop and polish hard news and feature stories. Explores both traditional and emerging styles in broadcast journalism and public relations as well as in print journalism.

Advisory: This is an upper-level journalism course. Incoming students are expected to be familiar with the reporting terminology and procedures covered in an introductory journalism course such as JOU-110 Introduction to News Reporting.

LAW-201: BUSINESS LAW (3 credits)

This course introduces the concepts and applications of laws that affect the business enterprise. Identification of the sources of law, including the courts, administrative agency rules and regulations, executive orders and judicial decisions will be addressed. The law of contract, sales and agency will be covered in detail while a distinction is drawn between traditional and online versions of each. Additionally, remedies for breach of these agreements will be covered. Business crimes will also be discussed, in addition to potential tort liability arising from criminal acts. Strict liability and product liability will be explored.

LDR-305: FOUNDATIONS OF LEADERSHIP (3 credits)

This course provides a broad framework for understanding and practicing leadership within multiple contexts or situations. It examines leadership from the perspective of the leader as individual, the leader in interaction with followers, and the leader and followers interacting in specific contexts. In addition, the course examines issues such as leadership ethics and social responsibility, power and politics, conflict resolution, knowledge management and cultural diversity. Students will have the opportunity to assess their leadership skills and to put into practice what they learn during the course.

LDR-324: LEADERS IN HISTORY (3 credits)

This course focuses on historical perspectives on leadership: first, on real leaders over thousands of years who demonstrated leadership within

multiple contexts (including politics, reform movements, diplomacy, military, business, church, sports and art); second, on writers/scholars/leaders from different historical eras and contexts who wrote about leadership and whose writings provide a means of understanding leaders acting in history. Together, these two elements of the course will reinforce each other and provide students with the opportunity to reflect on links between leadership practices and leadership concepts across a broad spectrum of world history. The course introduces a diverse group of historical leaders: both men and women; leaders of different races and ethnicities; and persons of different national/cultural backgrounds.

LDR-345: LEADING ORGANIZATIONAL CHANGE (3 credits)

This course builds on the ideas introduced in Foundations of Leadership (LDR-305), strengthening the framework of the practice of leadership. Leading Organizational Change provides an in-depth exploration of the leader's primary role in organizational change and develops skills and tools that can be put to use in real leadership practice. Each student will have the opportunity to examine and discuss the leader's role, to consider how the leader can inform real or simulated change practice, and to reflect on how the leader plays a role in the success of any change initiative regardless of complexity. During this course the student engages in linking leadership theory used in Foundations of Leadership with the challenge of successfully navigating the process of implementing change initiatives.

Advisory: This course is best taken after LDR-305 Foundations of Leadership.

LDR-419: NONPROFIT LEADERSHIP (3 credits)

This course provides students with comprehensive knowledge and approach to nonprofit leadership and management. The course covers areas essential to effective leadership in today's nonprofit organization including governance, director and board responsibilities, social responsibility, strategic planning, fund development, financial accountability, human

resources and volunteer management. Woven through the course are the three key themes of social responsibility and leadership, multisector collaboration, and service and careers in the nonprofit sector. Coupled with traditional areas of nonprofit leadership and management, these themes create the innovative educational aspects of this course.

LDR-422: LEADERSHIP IN A GLOBAL ENVIRONMENT (3 credits)

This course focuses on effective leadership by addressing the human side of business in multinational and multicultural organizations. The course covers a broad variety of leadership situations, leader attributes and leadership issues that arise from group processes, and the ways in which individuals influence and interact with one another in multicultural settings and separated by location.

LDR-435: LEADERSHIP PRACTICUM (3 credits)

This course offers a Practicum experience for students who have studied leadership in the School of Business and Management. It is the terminal course in the leadership studies area, and its intent is to let students make use of what they have learned about leadership. That is, it provides an opportunity to apply that learning to professional contexts in which they are currently involved – at work or otherwise – through a carefully designed project. In addition, the course requires that each student act as a leadership consultant (working as a member of a consulting team) to other students in the class, advising them on their leadership projects through both informal advice and formal, written critiques.

Advisory: Students must complete LDR-305 Foundations of Leadership, LDR-324 Leaders in History and LDR-345 Theories of Leadership or their equivalents prior to enrolling in this course.

LIB-312: FROM HANSEL AND GRETEL TO THE HUNGER GAMES: AN EVOLUTION OF CHILDREN'S AND YOUNG ADULT LITERATURE (3 credits)

This course provides a history of the portrayal of violence and more in juvenile entertainment, including literature and movies. How did utopia become

dystopia? How did juvenile literature evolve from myths, fairy tales, and books such as *Alice in Wonderland* to graphic novels and young adult fiction such as *The Hunger Games*? This course examines a collection of representative texts from the earliest example to contemporary works of fiction for young readers in order to study the impact it has on children and societal cultural values.

LIB-320: THE MUSIC OF WAR AND PEACE (3 credits)

The Music of War and Peace examines music through the lens of war. From the patriotic songs written during the Civil War to songs of remembrance performed in the aftermath of 9/11, music has always been greatly affected by conflict. This course connects compositions and songs to their societal functions, unearths their cultural genealogies and looks at how music has been used throughout history. The music analyzed in this class inspired soldiers, started riots, calmed angry nations, served as propaganda, sent secret messages and forced governments to censor and imprison their composers. From this course, students will learn how to analyze, reveal and explain the societal function of different music either inspired by or used during war.

Note: This course is an interdisciplinary General Education offering and does not require prior knowledge of music.

LIB-342: ONLINE OBSESSIONS: DETERMINING AND DEALING WITH DIGITAL DEPENDENCY (3 credits)

This course will study online obsessions including internet, mobile phone and video game addictions. The emphasis will be placed on a comprehensive biopsychosocial framework. Throughout, attention will be given to the impact of age and cultural factors and the idea that usage is a matter of choice. Intervention strategies will be included to obtain therapeutic information, support recovery and prevent relapse. Students will develop theoretical understanding, self-awareness and strategies for treatment. Other factors that contribute to electronic addiction will also be examined.

LIB-360: THE ETHICS AND POLITICS OF WAR (3 credits)

The Ethics and Politics of War provides students with a historical perspective on the involvement of world powers, including the United States, in various global and local conflicts. Both the political underpinnings and the social effects of this involvement are examined from the vantage point of philosophical and political theories of war, ethics and social justice in the Western intellectual tradition. Students will assess these theories and examine their application in a variety of settings, analyzing their ethical consequences and their effect on history.

LIB-495: LIBERAL ARTS CAPSTONE (3 credits)

This course provides engagement in a student-centered, content-related learning experience that serves as a summary and synthesis of courses in a student's undergraduate academic career. Students select an area of interest related to their academic studies and engage in an activity leading to a research project, creative project or applied project reflective of comprehensive knowledge gained in undergraduate studies and demonstrate their knowledge of the outcomes of the Bachelor of Arts degree.

Advisory: Students should have completed or be near to completing all of their area of study requirements before enrolling in this course.

LIT-202: LITERARY ROOTS OF WESTERN CULTURE (3 credits)

This course introduces and explores literary works that have had a great influence on the culture of the Western Hemisphere.

Advisory: Students should have successfully completed English Composition I and II prior to enrolling.

LIT-205: AMERICAN LITERATURE I (3 credits)

This course introduces the major works of American writers of the last half of the 19th century: Edgar Allan Poe, Henry David Thoreau, Nathaniel Hawthorne, Herman Melville and Walt Whitman. Emphasis is on the Romantic movement.

Advisory: Students should have successfully completed English Composition I and II prior to enrolling.

LIT-206: AMERICAN LITERATURE II (3 credits)

This course introduces the major works of American writers of the late 19th century to the mid-20th century: Mark Twain, Henry James, F. Scott Fitzgerald, Ernest Hemingway and Zora Neale Hurston. Emphasis is on the literary movement known as Realism. In addition, this course discusses literary techniques used by writers and reading strategies.

Advisory: Students should have successfully completed English Composition I and II prior to enrolling.

LIT-221: INTRODUCTION TO CHILDREN'S LITERATURE (3 credits)

This course examines the history and diversity of children's fiction and non-fiction through examination of a variety of recommended works. Also suggests criteria for selecting and evaluating alternative books.

Advisory: Students should have successfully completed English Composition I and II prior to enrolling.

LIT-291: ANALYSIS AND INTERPRETATION OF LITERATURE (3 credits)

This course examines the literary elements of character, plot and symbolism through both traditional and contemporary works of short fiction, poetry and drama. Includes the perspectives of critics and noted authors.

Advisory: Students should have successfully completed English Composition I and II prior to enrolling.

LIT-301: ADVANCED AMERICAN LITERATURE I (3 credits)

This course is an in-depth study of early American literature. It begins with the study of Native American literature and the literature of the early explorers and settlers, and it ends with an examination of works that explore issues of race and freedom at the time of the American Civil War. The course involves analysis and synthesis of readings as well as a significant amount of writing. Students write a documented research paper as a Capstone project.

Advisory: This is an upper-level literature class. Students should be familiar with the vocabulary and conventions of literary analysis as well as the correct use of Modern Language Association (MLA) style documentation. Before enrolling in an upper-level literature course, students are strongly encouraged to complete English Composition II and one or more introductory literature courses and/or have equivalent knowledge.

LIT-302: ADVANCED AMERICAN LITERATURE II (3 credits)

This course is an in-depth study of American literature from the late 1800s to the present. It begins by examining the regional realism reflected in late 19th-century writing and ends by critically addressing the search for identity that is characteristic of much of today's writing. The course involves analysis and synthesis of readings as well as a significant amount of writing. Students write a documented research paper as a Capstone project.

Advisory: This is an upper-level literature class. Students should be familiar with the vocabulary and conventions of literary analysis as well as the correct use of (MLA) Modern Language Association style documentation. Before enrolling in an upper-level literature course, students are strongly encouraged to complete English Composition II and one or more introductory literature courses and/or have equivalent knowledge.

LIT-331: AFRICAN ENCOUNTERS (3 credits)

This upper-level course examines several autobiographies written by authors from South Africa, Zimbabwe and Nigeria. Students study how these African and South African writers use autobiography to explore and define their individual life experiences as well as the collective life experiences of a community. Students are expected to use their critical-thinking and analytical skills as they examine the components of autobiography, the internal and external encounters of each author, and the political and social dimensions of the authors' experiences.

Advisory: This is an upper-level literature class. Students should be familiar with the vocabulary and conventions of literary analysis as well as the correct use of Modern Language Association (MLA) style documentation. Before enrolling in an upper-level literature course, students are strongly encouraged to complete English Composition II and one or more introductory literature courses and/or have equivalent knowledge.

LIT-460: NON-WESTERN LITERATURE (3 credits)

This course is designed to help students gain familiarity with values and issues from non-Western cultures. The term non-Western literature generally refers to writings by people in any culture or country except those of Western Europe, Ancient Greece and the United States. Literature can immerse a reader in another's mind, allowing the reader to live a different life through the writer's imagination. The unfamiliar context of the non-Western writer may challenge a Western reader in this regard. The course will cover both post-colonialism and feminist thought, examining each through non-Western eyes. At least one Western work will be introduced in each case, allowing students to contrast a typical Western point of view with the views and issues of non-Western cultures. A third major course topic is literature in translation. We are fortunate to be able to read works of literature that date back thousands of years, but few of us can read them in their original languages. This part of the course will look at issues concerning the translation of thoughts and ideas (specifically religious experiences) from one culture to another.

Advisory: This is an upper-level literature class. Students should be familiar with the vocabulary and conventions of literary analysis as well as the correct use of Modern Language Association (MLA) style documentation. Before enrolling in an upper-level literature course, students are strongly encouraged to complete English Composition II and one or more introductory literature courses and/or have equivalent knowledge.

MAN-230: INTRODUCTION TO ENTREPRENEURSHIP (3 credits)

This course explores and relates the four drivers of enterprise development – market opportunity, mindset, product and service concepts (the “offer”), and resources and growth management – as they apply across industries, sectors, markets and regions.

MAN-301: PRINCIPLES OF MANAGEMENT (3 credits)

This course provides an introduction to the study of essential principles and practices in business management. Focuses on skills involved in planning, staffing, directing, organizing and

decision making in a business environment.

MAN-311: ORGANIZATIONAL BEHAVIOR (3 credits)

This course examines individual behavior within an organizational setting and the relationship of an individual and his/her personality, perceptions, motivation with the tasks assigned, groups interacted with management and the dynamics of the organization.

Advisory: This subject may be classified as either social sciences (PSY-361) or business (MAN-311) depending on the degree program.

MAN-331: HUMAN RESOURCES MANAGEMENT (3 credits)

An upper-level undergraduate course that focuses on human resources as the dynamic foundation for organizational competitiveness.

Advisory: It is advisable to have knowledge in a course equivalent to MAN-301 Principles of Management with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

MAN-372: INTERNATIONAL MANAGEMENT (3 credits)

This course emphasizes business behavior and organization in various cultures, and compares and contrasts their operating principles and strategies with those practiced by firms in the United States.

Advisory: It is advisable to have knowledge in a course equivalent to MAN-301 Principles of Management with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

MAN-373: MANAGERIAL COMMUNICATIONS (3 credits)

Managerial Communications is an upper-level undergraduate course that explores key theories and strategies of contemporary organizational communications. It recognizes that challenges exist for creating and implementing effective communication both inside organizations – between individuals and groups, and outside organizations – with markets, partners and influential third parties.

MAN-376: LEADERSHIP COMMUNICATION (3 credits)

An introduction to the study and practice of leadership from a communication perspective. Particular focus on understanding leading as a symbolic process. Examination of communication concepts and skills that increase a leader's effectiveness in a variety of leadership contexts (small group, organization, community and society) and in dealing with issues of culture, gender, ethics, crisis and leader development. Students will assess and develop their leadership communication styles, behaviors and skills, and apply course concepts to real-world settings.

MAN-415: CHANGE MANAGEMENT (3 credits)

This course provides students with an introduction to principles of managing change in organizations including different thinking styles regarding change management, and the basic principles that apply to any complex change process and practical application on how to work with individuals, teams and organizations to master change. The course provides students with knowledge of change and the change process, an understanding of the challenges to change, models to follow to manage change, and communication strategies regarding change and consolidating change into the organization.

MAN-425: ADVANCED ORGANIZATIONAL MANAGEMENT (3 credits)

This course addresses the role of organizational culture in enabling the successful leader to be the architect of organizational change. From a leader's perspective, the course examines organizational culture including creation of organizational values, alignment of vision and goals, creating an ethical organizational culture and succession planning. It also discusses the role of culture in introduction of new strategies, how to enable open communication for empowerment and the role of organizational culture in implementing change.

MAN-432: SMALL BUSINESS MANAGEMENT (3 credits)

This course provides an understanding of the tools entrepreneurs require to compete effectively in business. Accounting, marketing, finance and management of human resources are important considerations of this course.

MAN-435: PROJECT MANAGEMENT (3 credits)

Project Management provides the foundation and framework for managing projects to assure completion within budget, schedule and performance specifications. The course begins by introducing the role of project management and elements of effective project leadership. Within the modules, students are introduced to principles and tools for managing project scope, risk and cost. The course also introduces project evaluation and control methods, keys to future project success.

MAR-301: INTRODUCTION TO MARKETING (3 credits)

This course provides an introduction to marketing as it relates to contemporary living and society's changing needs. Topics include consumer markets, planning and forecasting, and wholesaling and retailing.

MAR-306: CREATING AND IMPLEMENTING THE ELECTRONIC ENTERPRISE (3 credits)

This course explores the theories and practices to achieve effective marketing of products and services utilizing the internet and other related digital technology. The course recognizes that electronically driven commerce is an evolving realm, one that encourages an approach to the challenges and opportunities of electronic enterprise from a problem-solving viewpoint. The course will use business cases and student-conducted research to explore the dynamic relationships between the electronic enterprise and the e-commerce marketplace. The course will also examine the broad reach of electronic enterprise, covering both public and nonprofit organizations and private corporations.

Advisory: This may be classified as either a marketing or a management course, depending on how it best fits the student's program.

MAR-310: PRINCIPLES OF SALES (3 credits)

This course presents the principles of selling and the role of the professional salesperson in the marketing process.

MAR-335: NEW PRODUCT DEVELOPMENT AND MARKETING (3 credits)

This course focuses on the development of new products and the launch of these products as part of an overall product portfolio. It includes branding and promotional strategies, product assessment and redesign, and other key product decisions that support corporate revenue strategies. The critical themes of this course are the new product development process and the application of theory to practical business situations.

System Requirement: This course requires access to a computer with Microsoft Office for word processing, spreadsheets and presentations.

MAR-411: MARKETING RESEARCH (3 credits)

This course provides a comprehensive and practical overview of fundamental marketing research methods emphasizing an applied application approach, providing an understanding of hypothesis statements, the survey process, data analysis, conclusions and presentation of research results relevant to management decision making.

MAR-441: MARKETING WITH DIGITAL AND SOCIAL MEDIA (3 credits)

Technology has transformed the ways that marketers must approach operations, channels and customers. Marketing professionals must look beyond current e-business fads to understand the fundamentals that will distinguish marketing leaders in the future. The focus will be on using the internet for marketing, including how to drive new sales, and how to dovetail customer support and service activities - Marketing with Digital and Social Media will examine the history of the internet, the basic technology involved in the

architecture, the impact of technology on marketing, how to use the web as a marketing tool, how to determine and segment markets, how the internet fits into an integrated marketing strategy and how to apply these concepts to the student's present work, small business or future occupational needs. This course also explores the contribution of social media marketing and social media websites as they relate to the marketing efforts of businesses.

Advisory: It is advisable to have completed MAR-306 Creating and Implementing the Electronic Enterprise or MAR-301 Introduction to Marketing or a course in marketing management.

MAR-479: APPLIED MARKETING PRACTICES (3 credits)

This course brings together marketing theory and practical experience from work-related experiences. The course provides students with opportunities to apply knowledge and experience to "real world" situations by completing a portfolio including an industry analysis and marketing plan. Each student will identify a new product or service idea, develop a business plan, test it in the marketplace, incorporate consumer responses and reactions, and devise a full product launch and marketing strategy campaign.

System Requirement: Students taking MAR-479 are required to purchase the software "Marketing Plan Pro."

Note: This course requires that you use Marketing Plan Pro software, which is a Windows-based product and will not run on Macs. You can run this software and other Windows software on your Mac using Apple's Boot Camp technology or third-party virtualization tools like Parallels or VMWare Fusion. These tools make it possible to run Mac OSX and a Windows operating system side by side. This solution will require a Windows license.

MAT-105: APPLIED LIBERAL ARTS MATHEMATICS (3 credits)

This course offers a broad-based overview of mathematics intended for non-math majors. The course emphasizes problem solving modeled on real-life applications and satisfies competency requirements for graduation and transfer. Topics include number systems, solution of basic algebraic problems, interpretation of statistical data and calculations involving geometric objects.

MAT-115: INTERMEDIATE ALGEBRA (3 credits)

The course affords a transition between elementary algebra and college algebra, and provides a solid foundation in the basic algebraic concepts, including linear equations and inequalities, quadratic equations, graphing, rational expressions, functions, exponents, radicals, parabolas and systems of linear equations.

Advisory: It is advisable to have completed elementary algebra.

MAT-119: QUANTITATIVE BUSINESS ANALYSIS (3 credits)

This is an applications-based course that continues with the mathematical inquiry that began in high school and intermediate algebra. The course will develop an integrated understanding of functions as well as the solutions and applications of linear, quadratic, exponential and logarithmic equations. The theory and graphing of inequalities will also be developed as will linear systems and the fundamentals of matrices. To prepare students for further study in business, finance and management science, the mathematical concepts will then be applied to such business applications as interest, discount and amortization as well as maximization and minimization problems.

Advisory: it is advisable to have knowledge in a course equivalent to MAT-115 Intermediate Algebra with a grade of C or better to succeed in this course. Students are responsible for ensuring that they have the required knowledge. Students are only permitted to take one of the following courses: MAT-119, MAT-121 or MAT-129. BSBA and ASBA students are recommended to take MAT-119 or MAT-129.

MAT-121: COLLEGE ALGEBRA (3 credits)

This college-level algebra course provides an understanding of algebraic concepts, processes and practical applications. Topics include linear equations and inequalities, quadratic equations, systems of equations and inequalities, complex numbers, exponential and logarithmic expressions, and functions and basic probability.

Advisory: it is advisable to have knowledge in a course equivalent to MAT-115 Intermediate Algebra with a grade of C or better to succeed in this course. Students are responsible for ensuring that they have the required knowledge. Students are only permitted to take one of the following courses: MAT-119, MAT-121 or MAT-129. BSBA and ASBA students are recommended to take MAT-119 or MAT-129.

MAT-129: PRECALCULUS (3 credits)

This course prepares students for courses in calculus and higher mathematics and for courses in science and technology where knowledge of precalculus is required. Topics include exponential and logarithmic functions and equations; trigonometric functions, identities and equations; applications of trigonometry; systems of equalities and inequalities; series and sequences; and analytic geometry.

Advisory: it is advisable to have knowledge in a course equivalent to MAT-121 College Algebra with a grade of C or better to succeed in this course. Students are responsible for ensuring that they have the required knowledge. BSAST and ASAST students should take MAT-121 and MAT-129.

MAT-231: CALCULUS I (4 credits)

This is an intensive, higher-level course in mathematics that helps students become efficient and creative problem solvers. Topics include the Cartesian plane, limits and continuity, problems of tangents, velocity and instantaneous rates of change, rules for differentiation, implicit differentiation, maxima and minima theory, antiderivatives and the indefinite integral, exponential and logarithmic functions, and the area between curves.

Advisory: It is advisable to have knowledge in a course equivalent to MAT-129 Precalculus with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

MAT-232: CALCULUS II (4 credits)

This is an intensive, higher-level course in mathematics that builds on Calculus I. Topics include inverse functions, techniques of integration, parametric equations and polar coordinates, infinite sequences and series, three dimensional analytic geometry and vectors, and partial derivatives.

Advisory: It is advisable to have knowledge in a course equivalent to MAT-231 Calculus I with a grade of C or better to succeed in this course.

Students are responsible for making sure that they have the necessary knowledge.

MAT-270: DISCRETE MATHEMATICS (3 credits)

This course provides tools for formal reasoning with a particular focus on applications in computer science, although no knowledge of programming is required. Topics include counting rules, propositional and first-order logic, set theory, functions (with an emphasis on recursive functions), partial order and equivalence relations, Boolean algebra, switching circuits, and graphs and trees.

Advisory: It is advisable to have knowledge in a course equivalent to MAT-121 College Algebra with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

MAT-301: HISTORY OF MATHEMATICS (3 credits)

This course surveys the historical development of mathematics. Mathematical pedagogy, concepts, critical thinking and problem solving are studied from a historical perspective. The course aims at serving the needs of a wide student audience as well as connecting the history of mathematics to other fields such as the sciences, engineering, economics and social sciences. The course explores the major themes in mathematics history: arithmetic, algebra, geometry, trigonometry, calculus, probability, statistics and advanced mathematics. The historical development of these themes is studied in the context of various civilizations ranging from Babylonia and Egypt through Greece, the Far and Middle East, and on to modern Europe. Topics covered include ancient mathematics, medieval mathematics, early modern mathematics and modern mathematics.

Advisory: It is advisable to have knowledge equivalent to MAT-231 Calculus I in order to succeed in this course. Students are responsible for making sure they have this knowledge.

MAT-321: LINEAR ALGEBRA (3 credits)

This course provides the basics and applications of matrix theory and linear algebra. Emphasis is given to topics that will be useful in other disciplines, including vector spaces, linear

transformations, inner products, matrix representations, binary and quadratic forms, eigenvectors and functions of matrices.

Advisory: It is advisable to have knowledge equivalent to MAT 231 Calculus I in order to succeed in this course. Students are responsible for making sure they have this knowledge.

MAT-331: CALCULUS III (3 credits)

Calculus III is an intensive, higher-level course in mathematics that builds on Calculus II. The course aims at serving the needs of a wide student audience, including students in engineering, mathematics, the physical and life sciences, and economics. It is constructed around multiple focal points with the intention of helping students become creative and efficient problem solvers. The course uses technology as a means of discovery for numerical, graphical and analytical solutions to problems. It also emphasizes communication skills and requires students to interpret, describe, discuss, justify and conjecture as they search for solutions to problems. Real-life applications provide links with students' everyday life. Topics covered include indeterminate forms, vector algebra and calculus in the plane and 3-space, analytic space geometry, multivariable functions, partial derivatives, gradients and real-world problems.

Advisory: It is advisable to have knowledge equivalent to MAT 231 Calculus I and MAT 232 Calculus II in order to succeed in this course. Students are responsible for making sure they have this knowledge.

MAT-332: CALCULUS IV (3 credits)

Calculus IV is an intensive, higher-level course in mathematics that builds on Calculus II and III. The course aims at serving the needs of a wide student audience, including students in engineering, mathematics, the physical and life sciences, and economics. It is constructed around multiple focal points with the intention of helping students become creative and efficient problem solvers. This course focuses on the calculus of real- and vector-valued functions of one and several variables. Topics covered include infinite sequences and series, convergence tests, power series, Taylor series, and polynomials and their numerical approximations.

Applications of multiple integrals and integral transformations in two and three dimensions are also covered. It also discusses topics of vector integral calculus such as line and surface integrals, theorems of Green, Gauss and Stokes, and their applications to the physical sciences. This course also provides an introduction to first-order and second-order differential equations.

Advisory: This is an upper-level mathematics course. It is advisable to have knowledge equivalent to Calculus I, II and III in order to succeed in this course.

MAT-351: MATHEMATICAL MODELING (3 credits)

This course is designed to be a bridge between the study of mathematics and the application of mathematics to various fields. It provides an overview of how the mathematical pieces of an applied problem fit together. This course also presents an investigation of meaningful and realistic problems encompassing many academic disciplines including management, economics, ecology, environmental science, sociology and psychology. Mathematical modeling is the process of creating a mathematical representation of some phenomenon in order to gain a better understanding of that phenomenon. The main goal of this course is to learn how to make creative use of some mathematical tools, such as difference equations, ordinary and partial differential equations, and numerical analysis, to build a mathematical description of realistic problems. This includes models dealing with traffic flow, communications, energy, air pollution, currency transfer, ecosystems, inheritance, populations, bargaining and decision making.

Advisory: It is advisable to have knowledge equivalent to Calculus II and familiarity with Excel or other software like Mathlab in order to succeed in this course.

MAT-361: COLLEGE GEOMETRY (3 credits)

Geometry presents a formal and fundamental development of neutral and Euclidean geometry with an emphasis on valid arguments. Non-Euclidean geometry will also be investigated. The course begins with a thorough review of geometry, including using synthetic and algebraic approaches,

and continues with a selection of more advanced topics. Topics covered include two- and three-dimensional shapes, proving triangles congruent or similar, quadrilaterals, circles, plane geometry and non-Euclidean geometry.

Advisory: It is advisable to have knowledge equivalent to at least one college-level math course in order to succeed in this course. Students are responsible for making sure they have this knowledge.

MAT-401: MATHEMATICAL LOGIC (3 credits)

Logic is often defined as the analysis of methods of reasoning. The mathematical logic is the study of mathematical reasoning and proof. This course starts off with the introduction to propositional calculus, the basics to the course; then it focuses on the first-order logic and model theory. Topics covered include the metatheorems dealing with the properties of soundness, completeness, decidability and consistency. The final part of the course is about formal number theory.

Advisory: This is an upper-level mathematics course. It is advisable to have knowledge equivalent to 6 credits of upper-level (300/400) courses in mathematics in order to succeed in this course.

MUS-220: MUSIC HISTORY I (3 credits)

Music History I examines the history of Western music through 1750, stressing the origin and evolution of musical forms and musical styles and the important composers from each of the time periods from antiquity through the Baroque. The student will also be placing this knowledge in the broader cultural context of each period.

Advisory: An ability to read music is a requirement for this course.

MUS-221: MUSIC HISTORY II (3 credits)

Music History II examines the history of Western music from the Classical Period through the present day, stressing the origin and evolution of musical forms and musical styles and the important composers since 1750. The student will also be placing this knowledge in the broader cultural context of each period.

Advisory: An ability to read music is a requirement for this course.

NUC-238: RADIATION ANALYSIS LABORATORY (3 credits)

This course provides general information that a student will need to prepare for work in a radiologically controlled area. It describes radiation and contamination, their health effects, their sources, how they are monitored, controlled and measured, personal responsibilities, and how to work safely in areas where they are found.

NUC-303: NUCLEAR PHYSICS FOR TECHNOLOGY (3 credits)

This course provides students with fundamental concepts of atomic and nuclear physics, nuclear reactor physics and nuclear reactor operations. It includes a background in atomic and nuclear physics, nuclear reactions and elementary particle interactions as well as the theory of nuclear reactor design for steady state and transient conditions, reactor control and reactor operations.

NUC-342: RADIOLOGICAL, REACTOR AND ENVIRONMENTAL SAFETY (3 credits)

This course provides basic concepts and applications in health physics and environmental aspects of nuclear power generation. The topics covered include the biological effects of radiation, dose-rate evaluation, radiation monitoring, radiological safety, reactor effluents and radioactive waste disposal, regulations governing radiation exposure and the release of radioactivity into the environment, and the environmental impact of nuclear power plants.

NUC-351: NUCLEAR INSTRUMENTATION AND CONTROL (3 credits)

This course encompasses the principles of operation of various types of instruments in the nuclear industry to measure temperature, pressure, level, flow, position and radiation. The student will gain a broad range of working knowledge of temperature, pressure, level and flow sensors, position indicators, radiation detectors and control systems. Component theory and design, system hardware and integrated

operation as applied to commercial nuclear systems will be explored.

NUC-365: REACTOR FUNDAMENTALS (3 credits)

This course is a study of fundamentals associated with neutron properties and behavior in light water reactors. Course content includes mass-energy relationships, binding energy, radioactivity, neutron reactions with matter, neutron cross sections, flux, neutron reaction rates, fissionable and fissile fuels, fission reaction, neutron production, neutron life cycle, four-factor and six-factor formula, the effect of reactivity on neutron multiplication, neutron flux and reactor power, reactivity, subcritical multiplication, prompt and delay neutron factors and neutron sources. The course topics also include reactor period, reactivity coefficients, control rod worth, fission product poisons, fuel burn up and decay heat removal when the reactor is shut down.

NUC-380: NUCLEAR RULES AND REGULATIONS (3 credits)

This course examines national and international guidance organizations and the United States government rules and regulations that govern the protection of workers, the environment and the public from both radioactive materials and machine produced radiation, throughout their life cycles. With the objective of presenting as holistic a regulatory picture as possible, the focus will be on the regulations that originate from the following agencies: Nuclear Regulatory Commission, Occupational Safety and Health Administration, Environmental Protection Agency, Department of Transportation, and the Food and Drug Administration. The regulations of each agency will be accessed and analyzed with the emphasis on "real world" regulatory compliance scenarios.

NUC-402: NUCLEAR MATERIALS (3 credits)

Nuclear Materials is a study of materials used in nuclear engineering applications. It is designed to provide an understanding of atomic bonding; crystalline and noncrystalline

structures; diffusion; failure analysis and prevention; kinetics; mechanical and thermal behavior; phase diagrams; ceramics; polymers; composites; and materials used in engineering designs. The course also includes descriptions of characteristic properties and methods conducting common tests and interpreting results.

NUC-412: RADIATION BIOPHYSICS (3 credits)

This covers the interaction of radiation with living organisms, examining in detail the chemical changes caused by that interaction.

Advisory: It is advisable to have NRRPT Certification or courses in nuclear physics and radiation biology and a working knowledge of calculus, physics, chemistry and biology.

NUC-413: RADIATION INTERACTIONS (3 credits)

This course studies the interaction of charged particles with matter.

Advisory: It is advisable to have knowledge in a course equivalent to NUC-412 Radiation Biophysics with a grade of C or better to succeed in this course. Students are responsible for ensuring they have the required knowledge.

NUC-490: NUCLEAR TECHNOLOGY ASSESSMENT/CAREER PLANNING (3 credits)

Nuclear Technology Assessment/Career Planning is an in-depth, student-centered activity that requires the integration of current nuclear employment, nuclear technology self-assessment resulting in the development of a comprehensive vitae, practical career planning and interviewing strategies and applied advanced math applications to nuclear engineering technology situations. Students will research real-world nuclear employment and participate in career focused activities that includes building a professional resume and knowing how to interview successfully. This includes seeking a job, a promotion and/or moving to a new skill area.

Prerequisites: Completion of MAT-231 Calculus I, MAT-232 Calculus II, PHY-115 Physics I, PHY-116 Physics II, CHE-121 Chemistry I, NUC-303 Nuclear Physics for Technology, EGM-321 Thermodynamics, EGM-323 Heat Transfer, EGM-331 Fluid Mechanics, NUC-365 Reactor Fundamentals, NUC-331 Primary Reactor

Systems, NUC-351 Nuclear Instrumentation and Control, NUC-412 Radiation Biophysics or NUC-413 Radiation Interaction or NUC-342 Radiological, Reactor, Environmental Safety, ELE-211 DC Circuits or ELE-212 AC Circuits, NUC-402 Nuclear Materials, and NUC-358 Radiation Safety Laboratory. Please note. Prior to registering for this course you are required to schedule an Academic Advising appointment. Instructions on how to schedule an appointment are located on our website <http://www.tesu.edu/current-students/Make-Advising-Appointment.cfm>.

NUC-495: NUCLEAR ENERGY ENGINEERING TECHNOLOGY CAPSTONE (4 credits)

The Nuclear Energy Engineering Technology Capstone is an online portfolio development experience that requires students to recap past academic, professional and personal learning experiences and use the accumulated information learning statements that directly relate to the BSAST in Nuclear Energy Engineering Technology degree objectives. The learning statements must be supported by documented experiential evidence that demonstrates that the effective application of the learning supports that the objectives have been met. Students, under the guidance of a mentor, spend the semester developing learning statements and compile appropriate evidence.

Prerequisite: NUC-490 Nuclear Technology Assessment/Career Planning

NUR-320: INTRODUCTION TO PROFESSIONAL NURSING (3 credits)

In this course, students are introduced to the profession of nursing. The theoretic constructs of the metaparadigm of nursing serve as a basis for role development and understanding the practice of nursing. Health promotion, disease prevention, safety and quality of care provide a context for the practice of evidence-based nursing. This course is designed to be taken concurrently with NUR-340 and NUR-342. This course is classroom-based with a clinical component.

NUR-328: HEALTH ASSESSMENT AND HEALTH PROMOTION (3 credits)

The course introduces the student to the process of systematic and comprehensive health data collection and assessment.

Emphasis is placed on strategies for interpersonal communication, skillful examination techniques and data validation. Culturally and age appropriate health promotion and disease prevention activities are explored. This course is designed to be taken concurrently with NUR-340 and NUR-342. This course is classroom-based with a clinical component.

NUR-340: NURSING INFORMATICS (3 credits)

Nursing Informatics focuses on the use of electronic technologies and the management of information to facilitate nursing practice and enhance nursing knowledge. The use of electronic technologies in nursing practice, administration, education and research is explored. Learning experiences are provided to develop the basic skills nurses need to practice competently in an electronic healthcare environment. A reflective learning portfolio, initiated in the course, is used to validate professional and academic achievements and growth throughout the baccalaureate program.

NUR-342: ADVANCING NURSING PRACTICE (3 credits)

This course creates a foundation for transition to baccalaureate nursing practice. An overview of professional practices standards and models of clinical competence is provided. Issues related to current nursing practice within the complex healthcare environment are examined. The contemporary role of the baccalaureate prepared nurse is explored. A reflective learning portfolio will serve as a means to validate professional and academic achievements and growth throughout the program.

NUR-400: NURSING CARE ACROSS THE LIFESPAN (3 credits)

Nursing Care Across the Lifespan prepares the student with the knowledge, skills and attitudes required to provide safe, quality nursing care to the childbearing, childrearing and gerontological client. Family-centered care, including health education and advocacy, are emphasized as essential to ensure high quality health outcomes.

Nursing care for clients with selected altered health states are discussed with application to client-focused clinical practice. This course is designed to be taken concurrently with NUR-418 and NUR-531.

Prerequisite: Completion of NUR-320, NUR-328, NUR-340, and NUR-342. This course is classroom-based with a clinical component.

NUR-410: NURSING CARE OF VULNERABLE POPULATIONS (3 credits)

In this course, students are provided with the opportunity to examine the needs of individuals, families and populations who are experiencing vulnerability at the emotional and physiological level. Using the nursing process, students identify client learning needs and implement measures to decrease risk and facilitate health promotion, maintenance and restoration. Evidence-based practice and professional nursing standards are used to validate judgments and enhance critical thinking in the provision of safe, quality care. Professional role performance is broadened by caring for clients with complex health needs in a variety of acute and community based settings. The course is designed to be taken concurrently with NUR-443 and NUR-529.

Prerequisite: Completion of NUR-400, NUR-418 and NUR-531. This course is classroom-based with a clinical component.

NUR-416: HEALTH ASSESSMENT (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN degree program and to nonenrolled RNs, this course focuses on comprehensive health assessment skills. Using a lifespan approach, students examine the components of health. Physical, cultural, psychosocial, spiritual and nutritional variables are examined through the use of health history and health assessment. Emphasis is placed on physical examination, diagnostic reasoning and the use of nursing process. Alternative and complimentary health practices are discussed as strategies to improve and maintain healthy lifestyles.

NUR-418: RESEARCH IN NURSING (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN degree program and to nonenrolled RNs, this course is designed to increase the professional nurse's knowledge and use of the research process. Emphasis is placed on reading, interpreting and evaluating research findings, including considering ethical and practical aspects, as a basis for evidence-based nursing practice.

Prerequisite: Students are required to take a course equivalent to HPS-200: Statistics for the Health Professions prior to enrolling in NUR - 418: Research in Nursing.

NUR-420: INTEGRATING ADVANCED NURSING CONCEPTS (3 credits)

In this course, students integrate advanced nursing concepts and leadership principles to plan and implement care for clients with critical care needs. Contemporary issues related to professional nursing practice are analyzed for their impact on the client, nurse and the healthcare system. Assimilation into the professional nursing role is initiated with a final clinical transition experience designed to promote student independence and accountability through guidance and collaboration with nurse preceptors and other health team members. This course is designed to be taken concurrently with NUR-428 and NUR-445.

Prerequisite: Completion of NUR-410, NUR-443 and NUR-529.

NUR-428: LEADERSHIP AND MANAGEMENT IN NURSING (3 credits)

This course focuses on the development of leadership and management skills needed by professional nurses. Theories and concepts essential to the role of the nurse as leader and manager in a variety of community and healthcare settings are explored.

NUR-441: COMMUNITY HEALTH NURSING (7 credits)

The promotion of health and prevention of illness is the focus of the Community Health Nursing course. Theories from public health, nursing and social science,

as well as knowledge gained from previous learning, set the foundation for students to examine and critically think about the health of selected populations in a community. Healthy People 2020 serves as a guide for the identification of at-risk groups throughout the lifespan.

Prerequisites for RN-BSN, RN-BSN/MSN students: Completion of all other nursing requirements except NUR-500-NG: Seminar in Clinical Competence; completion of all general education requirements; and evidence of current RN licensure. See W. Cary Edwards School of Nursing Student Handbook for prerequisite policy.

NUR-443: PUBLIC HEALTH NURSING (4 credits)

The promotion of health and prevention of illness is the focus of the Public Health Nursing course. Theories from public health, nursing and social science, as well as knowledge gained from previous learning, set the foundation for students to critically analyze the health of selected populations in a community. Healthy People 2020 serves as a guide for the identification of at-risk groups throughout the lifespan.

Prerequisite: Evidence of current RN license, current malpractice insurance. A minimum of 60 clinical hours in a chosen population-focused/community-based Practice Learning Environment (PLE) are required to be completed in this course.

NUR-445: VALIDATING NURSING COMPETENCE (3 credits)

In this course, students synthesize prior learning experiences acquired from clinical practice and academic studies. Using standards of professional practice as guidelines for competence, students validate their clinical skills in nursing practice. With the use of reflective learning, critical thinking, knowledge of best practice and transformative learning, students finalize their e-Portfolio, which provides evidence of their clinical competence as baccalaureate nurse generalists. NUR-445, a capstone course, is the final course in the BSN program.

NUR-500: SEMINAR IN CLINICAL COMPETENCE (3 credits)

This course requires students to develop an e-Portfolio using critical and reflective thinking skills and transformative learning. The e-Portfolio provides evidence of the student's clinical

competence in a selected area of clinical practice and academic performance. The course is designed as the final course in the BSN program and the first course in the MSN program. Assignments completed in the undergraduate nursing courses may be entered into the e-Portfolio by BSN students. The e-Portfolio will be updated with course assignments and professional and educational experiences as MSN students progress through the program. Synthesis of the e-Portfolio with submission of a formal paper in the final Practicum will be required for MSN degree students.

NUR-516: ADVANCED HEALTH ASSESSMENT (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course focuses on the acquisition of advanced health assessment and clinical reasoning skills. Students apply the diagnostic (clinical) reasoning process to develop a comprehensive plan of care for patients in a variety of settings throughout the life span. Emphasis is placed on advance health assessment skills, health promotion, disease prevention and risk assessment.

NUR-529: HEALTH POLICY (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course examines a comprehensive model of policymaking. Course emphasis is on the healthcare trends, forces and issues that shape health policy. Students, focusing on the core elements of health policy analysis, examine how politics, ethics, economics, and social and cultural variables influence policy development and impact healthcare outcomes. Students also explore the leadership role of nursing in policymaking.

NUR-530: EVIDENCE BASED NURSING PRACTICE (3 credits)

Open only to RNs with a BSN degree, this course focuses on the elements of evidence based practice. focus is placed

on the cyclical process of identifying clinical questions, searching and appraising the evidence for potential solutions/innovations, planning and implementing practice changes, evaluating the outcomes and identifying additional gaps in nursing knowledge. Integration of the existing evidence with clinical judgment, patient preferences, interprofessional perspectives and other resources form the basis for the clinical decision-making process that is inherent in improving patient, population and organizational outcomes. Processes for leading managing practice changes are explored.

Prerequisite: a course equivalent to HPS-200-OL Statistics for the Health Professions and also NUR-418 Research in Nursing is required prior to enrolling in NUR-530-NG Evidence-Based Nursing Practice.

NUR-531: NURSING INFORMATICS: CONCEPTS AND ISSUES (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course combines knowledge and skills from nursing science, computer science, information science and cognitive science to design and implement automated systems that support the nursing process in the delivery of healthcare services. Within this course, major topics related to nursing informatics and related fields will be explored. Emphasis is placed on developing an understanding of how automation is used to manage information in healthcare and the nurses role in the process. This graduate-level overview course provides required informatics knowledge and skills for all MSN students as well as the foundation for all additional informatics courses.

Advisory: A course equivalent to NUR-340-NU Nursing Informatics is required to be successful in NUR-531-NG Nursing Informatics: Concepts and Issues. Students are responsible for ensuring they have acquired the knowledge needed prior to registering for NUR-531-NG.

NUR-600: NURSING LEADERSHIP IN A GLOBAL COMMUNITY (3 credits)

Open only to RNs with a BSN degree, this course examines human diversity and healthcare through a global perspective. Issues of social justice and al-

location of resources across populations are examined. The impact of bio and digital technology on healthcare, disease prevention and health promotion is also examined. The practice of nursing and its leadership role across the global community are examined within this perspective.

NUR-612: HEALTHCARE FINANCE FOR NURSE EDUCATORS (3 credits)

Open only to RNs with a BSN degree or higher, this course provides an overview of healthcare finance specific to the nurse educator role in a variety of educational transactions. It enables the student to build and develop budgeting and financial analysis skills, culminating in the ability to combine budgeting and financial analysis in writing a business or grant proposal.

NUR-613: HISTORY OF AMERICAN NURSING (3 credits)

Open only to RNs with a BSN degree or higher, this graduate course explores the evolution of professional nursing in America in the context of the times. The course begins with the end of the Civil War in 1865 and ends a century later, with the primary focus on the formative and transformative years 1873-1948. Societal forces that led to the establishment of training schools for nurses toward the end of the first century of the Republic and the evolution of the profession to meet Americas needs are examined. The contributions of diverse elements of the American population including genders, ethnicity, poverty and wealth are integral to this course.

NUR-614: PROFESSIONAL WRITING FROM THE IDEA TO THE PUBLICATION (3 credits)

This course is designed to help the learner become an effective writer in his or her professional field. It will hone the writer's skills in two areas: 1) develop the writing skills required to be published in professional and lay journals, magazines and newspapers; and 2) refine the writing required in one's professional practice. In this course, one learns how to develop a theme that will interest a readership and publisher. Focus is on effective writing techniques and learning the process from idea to publication. This course is

open to all University undergraduate and graduate students.

NUR-621: INSTRUCTIONAL TECHNOLOGY FOR NURSE EDUCATORS (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide learners with the information and learning experiences they need to use web- and non-web-based instructional technologies and learning management applications in educational practice. The learners knowledge of instructional design, learning theory, curriculum design and evaluation strategies are integrated components of the course.

Advisory: Completion of NUR-630-NG Theoretical Foundations and Instructional Strategies in Nursing Education, NUR-700-NG Curriculum Theory and Development in Nursing Education and NUR-710-NG Testing, Assessment and Evaluation or the equivalent are required to be successful in NUR-621-NG Instructional Technology for Nurse Educators. Students are responsible for having acquired this knowledge prior to registering for NUR-621-NG.

NUR-622: INDEPENDENT STUDY IN INSTRUCTIONAL TECHNOLOGY (3 credits)

Open only to RNs with a BSN degree or higher, this elective course provides the student, in conjunction with the mentor, the opportunity to develop, implement or explore and report on a project of individual interest. This in-depth project must be relevant to nursing education and focus on instructional design and instructional technology.

Advisory: A course equivalent to NUR-621-NG Instructional Technology for Nurse Educators is required to be successful in NUR-622-NG Independent Study in Instructional Technology. It is the students responsibility to have acquired this knowledge prior to registering for NUR-622-NG.

NUR-630: THEORETICAL FOUNDATIONS AND INSTRUCTIONAL STRATEGIES IN NURSING EDUCATION (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide the foundation for understanding theories, philosophies and strategies of teaching and learning that have influenced, and still influence, nursing education. Principles of adult education, teaching and learning theories, and strategies will be discussed. The

three domains of learning: cognitive, affective and psychomotor in relation to nursing education will be explored throughout the course. Students will have the opportunity to explore their own methods of learning and develop their own philosophy of education. Ethical and legal issues as related to students in all different environments will be emphasized. This course sets the foundation for all of the other education courses in the curriculum.

NUR-631: NURSING INFORMATICS: SYSTEMS LIFE CYCLE (3 credits)

Open only to RNs with a BSN degree or higher, this course provides students with a sequential process that supports the successful implementation of an information system within a variety of healthcare settings. Various techniques and skills will be presented that assist healthcare organizations in advancing through the stages of a systems life cycle. Emphasis is placed on the role of the nursing informatics specialist within this process.

NUR-632: NURSING ADMINISTRATION: STANDARDS AND STRUCTURES (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide a foundation upon which students understand healthcare organizations, what accreditation organizations exist and how some organizations are designated for quality attainment. An overview of the standards and competencies forming the basis for managerial and executive roles is examined. Students will have the opportunity to examine information in the context of their current organization and their current competencies. This course is the foundation for all subsequent nursing administration courses in the curriculum.

NUR-640: ADVANCED PATHOPHYSIOLOGY (3 credits)

This course uses a systems-based life span approach to discriminate between normal physiologic function and pathophysiologic processes. A critical analysis of selected major health problems will emphasize etiology, epidemiology, presentation, diagnostics, clinical management and complications. Health pro-

motion and educational strategies for individuals, families, populations and/or communities will be explored.

NUR-650: ADVANCED PHARMACOLOGY (3 credits)

This course is designed to advance the student's knowledge of pharmacokinetics, pharmacodynamics, pharmacogenomics and pharmacotherapeutics in the management of health and disease states. Major categories of pharmacological agents are examined in the context of the life span, culture, and health and disease states. Emphasis is placed on the use of current guidelines to select appropriate medication regimens for patients and populations.

NUR-700: CURRICULUM THEORY AND DEVELOPMENT IN NURSING EDUCATION (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to address the study of curriculum development, design, implementation and evaluation in nursing education. Historical and philosophical foundations of nursing education are examined. The practical application and synthesis of curriculum theory is emphasized. The role of the educator in the dynamic relationship between the practice setting, research and curriculum is examined.

Advisory: A course equivalent to NUR-630-NG Theoretical Foundations and Instructional Strategies in Nursing Education is required to be successful in NUR-700-NG Curriculum Theory and Development in Nursing Education. Students are responsible for having acquired this knowledge prior to registering for NUR-700-NG.

NUR-701: NURSING INFORMATICS: DATABASES AND KNOWLEDGE MANAGEMENT (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide a comprehensive foundation in the relationship between data, information, knowledge and wisdom by examining database design standards and issues. Students explore the relationship between knowledge discovery and databases as they relate to nursing and healthcare delivery. Concepts of data warehouse, data mining, knowledge management and security/access will be explored.

NUR-702: NURSING ADMINISTRATION: EXECUTIVE MANAGERIAL PROCESS (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to facilitate the development of nurse managers and administrators/executives. Using theoretical constructs, focus is placed on selected processes that contribute to quality nursing outcomes through systems thinking, communication and relationship building, professionalism and knowledge of the healthcare environment.

NUR-710: TESTING, ASSESSMENT AND EVALUATION (3 credits)

Open only to RNs with a BSN degree or higher, this course focuses on preparing teachers in nursing curricula to focus on learning outcomes. The concepts of measurement and evaluation are examined as the basis for studying how instruction, testing, assessment and evaluation of student learning are interrelated. Formative, and summative, and qualitative and quantitative assessment methodologies are applied to evaluate instruction and learning in various educational settings.

Advisory: Courses equivalent to NUR-630-NG Theoretical Foundations and Instructional Strategies in Nursing Education and NUR-700-NG Curriculum Theory and Development in Nursing Education are required to be successful in NUR-710-NG Testing, Assessment and Evaluation. Students are responsible for having acquired this knowledge prior to registering for NUR-710-NG.

NUR-711: NURSING INFORMATICS: CONSUMER INFORMATICS AND COMMUNICATION TECHNOLOGIES (3 credits)

Open only to RNs with a BSN degree or higher, this explores communication technologies and their use in meeting consumer needs. Emphasis is placed on empowering patients and consumers to safely obtain information, services and emotional support through effective use of these technologies as well as supporting healthcare providers in providing the needed consumer resources. Topics include communication technologies, Web 2.0 and healthcare related groups, resources and services on the web, personal health records, and developing policies and guidelines for providers and patients.

NUR-712: NURSING ADMINISTRATION: RESOURCE ACQUISITION AND MANAGEMENT (3 credits)

Open only to RNs with a BSN degree or higher, this course examines resources required to deliver quality healthcare services. The acquisition, management and use of resources in the healthcare environment are explored. Fiscal, human, technological, intellectual and material resources are examined and analyzed in the context of current and future healthcare environments.

NUR-720: NURSING EDUCATION SEMINAR AND ONGROUND PRACTICUM (3 credits)

Open only to Thomas Edison State University students enrolled in the MSN degree and Nurse Educator Certificate programs, this course synthesizes education and nursing theory, instructional strategies and clinical competence into the role of the nurse educator in a face-to-face setting. An individualized education Practicum in a specific area of clinical emphasis is chosen by the student and monitored by the mentor and the onground preceptor. In this experience students are required to reflect on their prior learning as they transition into leadership roles in education and practice settings. This course requires completion of 120 Practicum hours.

Prerequisites: All other MSN degree and Nurse Educator Certificate requirements except NUR-730-NG Nursing Education Seminar and Online Practicum. Submission of all documents and requirements outlined in the Practicum Packet including a criminal background check. Students may register for one elective concurrent with this course.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a webcam.

NUR-721: NURSING INFORMATICS: SEMINAR AND PRACTICUM I (3 credits)

The Nursing Informatics Seminar and Practicum I and II are closely aligned. The two Practicums provide a capstone experience for applying knowledge and skills acquired during the nursing informatics program. Practicum I and II are scheduled in the same healthcare setting. Students select their learning environment based on course objectives

and their professional goals, needs and interests. In Nursing Informatics Seminar and Practicum I, students working with the online mentor and onground preceptor, develop a plan for Practicum activities and select, initiate and implement informatics related projects that may continue into the second Practicum. Students reflectively discuss their experiences, projects and related learning in the online seminar. This course requires completion of 120 Practicum hours.

Prerequisites: All other MSN degree and Nursing Informatics Certificate requirements except NUR-731-NG Nursing Informatics: Seminar and Practicum II, submission of all documents and requirements outlined in the Practicum Packet including a criminal background check. Students may register for one elective concurrent with this course.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a webcam.

NUR-722: NURSING ADMINISTRATION: SEMINAR AND ROLE PRACTICUM (3 credits)

This course provides the student with the opportunity to experience the role of nurse administrator/executive. An individualized nursing administration Practicum in a specific area of clinical emphasis is chosen by the student and monitored by the mentor and onground preceptor. Competencies that govern the role of the nurse administrator/executive are explored in depth. Students focus on the context for enacting the role of nurse administrator/executive in a healthcare delivery system. Students engage in a reflective discussion of nursing administration issues and experiences in the online seminar. This course requires completion of 150 hours of Practicum.

Prerequisites: All other MSN degree and Nursing Administration Certificate requirements except NUR-732-NG Nursing Administration: Seminar and Process Practicum, submission of all documents and requirements outlined in the Practicum Packet, including a criminal background check. Students may register for one elective concurrent with this course.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a webcam.

NUR-730: NURSING EDUCATION SEMINAR AND ONLINE PRACTICUM (3 credits)

The purpose of this capstone course is for the student to integrate education, nursing and change theory, instructional strategies and clinical competence into the role of the nurse educator in an online setting. Students develop and conduct an individualized, educational Practicum in an online environment monitored by the mentor. This course requires completion of 120 Practicum hours. Submission of the e-Portfolio and a synthesis paper will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: All other MSN degree and Nurse Educator Certificate requirements. Submission of all documents and requirements outlined in the Practicum Packet including criminal background check. Students may register for one elective concurrent with this course.

NUR-731 NURSING INFORMATICS: SEMINAR AND PRACTICUM II (3 credits)

This course builds on the students learning and achievements from Nursing Informatics Seminar and Practicum I. Depending on the learning opportunities available and the students evolving professional goals, the student, in consultation with the course mentor and onground preceptor, may continue and/or modify the selected Practicum activities and project(s) developed in the first Practicum course. Students reflectively discuss their experiences, projects and related learning in the online seminar. This course requires completion of 120 Practicum hours. Submission of the e-Portfolio and a synthesis paper will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: All other MSN degree and Nursing Informatics Certificate requirements; submission of all documents and requirements outlined in the Practicum Packet including a criminal background check. Students may register for one elective concurrent with this course.

NUR-732: NURSING ADMINISTRATION: SEMINAR AND PROCESS PRACTICUM (3 credits)

This capstone course provides the student with the opportunity to integrate management theory into the role of nurse administrator/executive. Student focus is on nursing management processes in healthcare systems. Students continue in their selected area of clinical practice monitored by the mentor and on-ground preceptor. Students engage in a reflective discussion of nursing administration issues and experiences in the online seminar. This course requires completion of 150 hours of Practicum. Submission of the e-Portfolio and a synthesis paper will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: All other MSN degree and Nursing Administration Certificate requirements; submission of all documents and requirements outlined in the Practicum Packet, including a criminal background check. Students may register for one elective concurrent with this course.

NUR-740: NURSE EDUCATOR: PRACTICUM I (3 credits)

In this course, the role of the nurse educator is explored and developed. Students examine education, nursing, leadership and change theories as they apply to selected academic or practice environments. Students organize and complete an approved educational Practicum in an academic or practice environment. Students engage in a reflective discussion of nursing education issues and experiences in the online seminar. This course requires completion of 120 Practicum hours. Submission of the e-Portfolio and a synthesis project will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: all other MSN degree and Nurse Educator Certificate Requirements. Submission of all documents and requirements outlined in the Practicum Packet including criminal background check. Due to course workload, it is recommended that students take this course alone.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a web cam.

NUR-750: NURSE EDUCATOR: SEMINAR AND PRACTICUM II (3 credits)

In this course, students perform in the role of an advanced nurse educator, apply complex knowledge and skill in academic and practice learning environments, evaluate strategies to advance nursing education, and explore the current and future educational challenges for the advancement of nursing education. Course requirements include completion of 150 Practicum hours, submission of the Capstone Project - Phase 2 and the finalized e-Portfolio.

Prerequisites: All other MSN degree and Nurse Educator certificate requirements. Submission of all documents and requirements outlined in the Practicum Packet including a criminal background check.*

**Due to course workload, it is recommended that students not be enrolled in other courses at the same time.*

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course.

OPM-301: OPERATIONS MANAGEMENT (3 credits)

This course is focused on transforming inputs (labor, material and capital) through a value-added process to produce goods and services. The course covers the functional aspects of operations in terms of forecasting, system design, process selection, design of facility layouts and work systems, quality, inventory management, production scheduling, lean operations and project management within a domestic and global business environment.

Advisory: The online course requires access to a computer with Microsoft Excel and a DVD drive. It is advisable to have knowledge in a course equivalent to STA-201 Principles of Statistics and MAN-301 Principles of Management with a grade of C or better to succeed in this course. Students are responsible for ensuring that they have the required knowledge.

OPM-411: TOTAL QUALITY MANAGEMENT (3 credits)

This course explores the theories, concepts and techniques of total quality management (TQM). The course examines the origins of TQM and how its techniques and tools can be properly integrated into both for-profit and not-for-profit organizations. Specific topics discussed in the course are the impact of

quality on profitability, Lean operations, Six Sigma, global effectiveness, quality culture and employee empowerment.

Advisory: It is advisable to have knowledge in a course equivalent to OPM-301 Operations Management with a grade of C or better to succeed in this course. Students are responsible for ensuring they have the required knowledge.

OPM-415: LOGISTICS (3 credits)

This course focuses on the corporate functions of demand and supply management, inventory control, warehousing and transportation and, in particular, how these functions are changing to accommodate the integration and coordination of activities in a global supply chain.

Advisory: It is advisable to have knowledge in a course equivalent to OPM-301 Operations Management and CIS-301 Management Information Systems with a grade of C or better to succeed in this course. Students are responsible for ensuring they have the required knowledge.

OPM-420: SUPPLY CHAIN MANAGEMENT (3 credits)

This course discusses the seamless flow of information and goods from the suppliers' suppliers to the customers' customers in the context of profits based on common goals, shared resources and mutually beneficial relationships. Course stresses the ways that corporate and national boundaries become transparent to the movement of goods and services.

Advisory: It is advisable to have knowledge in a course equivalent to OPM-411 Total Quality Management and OPM-415 Logistics with a grade of C or better to succeed in this course. Students are responsible for ensuring they have the required knowledge.

PHI-130: CRITICAL REASONING (3 credits)

The aim of this course is to give students the opportunity to acquire critical-thinking tools to analyze and evaluate knowledge claims. Students will acquire the skills to develop a critical attitude to cultural stereotypes and biases through readings, web resources journal assignments and self-check assessments. Critical-reasoning tools are crucial to making informed decisions so that when students are faced with difficult situations in their professional or private lives, they will

be able to make appropriate reasoning choices. The skills and knowledge students obtain in the course, Critical Reasoning, can also assist them with studies of other disciplines, such as psychology, history, English, political science, communication science, health care, development studies, sociology and public administration.

PHI-286: CONTEMPORARY ETHICS
(3 credits)

This course examines contemporary ethical conflicts using a case study approach. Provides students with the intellectual tools needed to analyze moral dilemmas.

PHI-370: PHILOSOPHY OF RELIGION (3 credits)

This course explores the philosophical issues involved with religion as a universal human phenomenon. Topics include definitions of religion, proofs for the existence of God, the nature and variety of religious experience, the immortality of the soul, the problem of evil, the relation between religion and ethics, and the relation between science and religion. The course examines the philosophy of religion from a multicultural perspective. It includes readings from the most influential religious traditions.

Advisory: This is an upper-level philosophy course. Students should have knowledge equivalent to an introductory philosophy course before enrolling.

PHI-383: ETHICAL ISSUES IN CRIMINAL JUSTICE (3 credits)

This course will provide an in-depth analysis of the ethical principles and standards of conduct relevant for those working in law enforcement, the court system and corrections. Through the use of published material and case studies, this course will examine traditional and nontraditional criminal justice practices such as fidelity to office, discretion, covert operations, deadly force, affirmative action, political involvement, plea bargaining, sentencing, incarceration and the death penalty.

PHI-384: ETHICS AND THE BUSINESS PROFESSIONAL (3 credits)

This course prepares students to meet the ethical demands facing employees

in modern organizations. Places emphasis on equipping participants with the concepts, strategies and skills needed to improve ethical performance. Students will assess and develop their ability as ethical decision makers.

Advisory: This is an upper-level philosophy course. Students should have knowledge equivalent to an introductory philosophy course before enrolling.

PHI-475: BIOMEDICAL ETHICS
(3 credits)

Biomedical Ethics is an exploration of complex contemporary ethical problems from the fields of biomedicine, healthcare and environmental studies. Students will apply classical and contemporary ethical and moral theories, along with the principles of scientific integrity, to a range of problems such as human experimentation and informed consent, end-of-life issues, reproductive technology, genetic privacy, abortion, resource allocation and the responsibilities of humans toward their environment. Case studies will play an integral role in the evaluation of these topics. Students will be asked to think critically about these issues, and they will be required to make and defend principled moral judgments in their written assignments.

PHO-101: INTRODUCTION TO PHOTOGRAPHY (3 credits)

Develops the skills needed to use photography effectively and confidently. The course emphasizes visual awareness. Students examine the work of professional photographers and use the internet to create and share photo albums of their exercises and to interact frequently with other participants.

Advisory: For the online course students will need either a digital SLR camera or a 35mm film SLR camera that allows manual control of shutter speed, aperture and focusing distance. Whether students use a digital camera or 35mm camera, the camera needs to be "adjustable," that is, it must have, at minimum, the option of manually selecting the shutter speed, aperture and focusing distances. Automatic cameras are acceptable as long as students can override the aforementioned automatic features and control them manually. Generally, this will entail having a single-lens reflex (SLR or D-SLR) camera with manual controls and interchangeable lenses (a normal lens is sufficient). Fully automatic or point-and-shoot cameras without manual capabilities are not acceptable for this course. Expect to use about 10 rolls of 24-exposure

35mm color negative film. In addition to the cost of film, students will need access to a film processing service providing digitalization of processed 35mm film.

PHY-111: PHYSICS I (3 credits)

Physics I is a first-semester introductory course in physics that focuses on mechanics and the properties of matter and includes study of motion and energy.

Advisory: This course does not contain a lab component. Students who need a Physics I course with lab should enroll in PHY-115, Physics I with Lab. It is advisable to have knowledge in a course equivalent to MAT-121, College Algebra, with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

PHY-112: PHYSICS II (3 credits)

Physics II is a second-semester introductory course in physics that emphasizes the comprehension of topics such as electricity, magnetism, electromagnetism, light and optics.

Advisory: This course does not contain a lab component. Students who need a Physics II course with lab should enroll in PHY-116, Physics II with Lab. It is advisable to have knowledge in a course equivalent to PHY-111, Physics I and MAT-121, College Algebra, with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

PHY-115: PHYSICS I WITH LAB
(4 credits)

Physics I with Lab is a first-semester introductory course in physics that focuses on mechanics and the properties of matter and includes study of motion and energy. This course includes a laboratory.

Advisory: It is advisable to have knowledge in a course equivalent to MAT-121 College Algebra with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. This course meets the area of study Physics I with Lab requirement.

PHY-116: PHYSICS II WITH LAB
(4 credits)

Physics II with Lab is a second-semester introductory course in physics that emphasizes the comprehension of topics such as electricity, magnetism, electromagnetism, light and optics. This course includes a laboratory.

Advisory: It is advisable to have knowledge in a course equivalent to PHY-111 Physics I and MAT-121 College Algebra with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge. This course meets the area of study Physics II with Lab requirement.

PHY-128: PHYSICS I LAB (1 credit)

Physics Lab I is a 1-credit course that requires students to complete laboratory experiments that illustrate the principles studied in Physics I.

Advisory: This is a 6-week lab course. It should be taken by students who already have the knowledge equivalent to a 3-credit general physics I course. This course cannot be taken concurrently with PHY-111. Students who need a Physics I course with lab should enroll in PHY-115, Physics I with Lab.

PHY-129: PHYSICS LAB II (1 credit)

Physics Lab II is a 1-credit course that requires students to complete laboratory experiments that illustrate the principles studied in Physics II.

Advisory: This is a 6 week lab course. This should be taken by students who already have the knowledge equivalent to a 3 credit general physics II course. This course cannot be taken concurrently with PHY-112. Students who need a Physics II course with a lab should enroll in PHY-116 Physics II with Lab.

PLA-100: INTRODUCTION TO PRIOR LEARNING ASSESSMENT (1 credit)

This course introduces the concept of prior learning assessment (PLA) – how learning gained from work and life experiences could potentially earn college credit – and covers learning styles, PLA options that can lead to college credit at Thomas Edison State University, and factors leading to program success. Students analyze their own background and experience to determine whether pursuing the PLA option might fit their goals and knowledge. By successfully completing this course, students will have a good understanding of the next steps to take and the ways PLA can expedite degree completion.

Advisory: All students who are interested in pursuing portfolio development and prior learning assessment will need to take this course, unless they have already successfully completed a PLA course. Success in this course will depend partly on how well the student express him/herself. Therefore, students are strongly advised to have taken ENC-101 and ENC-102 (or their equivalents) before taking this orientation to prior learning assessment.

PLA-200: INTRODUCTION TO PORTFOLIO DEVELOPMENT (2 credits)

This course builds upon the knowledge and reflection acquired in PLA-100, Introduction to Prior Learning Assessment. This course will help students identify courses and subject areas that best match their selected college-level knowledge base. Students will plan each segment of their portfolio and will use course objectives to create a detailed outline. This outline will delineate topics for development based upon the knowledge, theoretical understanding, and applied learning retrieved from work, community and personal experiences. As a result of this course, students will be prepared to complete their written portfolio.

Advisory: Success in this course will depend partly on how well the student express him/herself. Therefore, students are strongly advised to have taken ENC-101 and ENC-102 (or their equivalents) before taking this orientation to prior learning assessment.

POS-110: AMERICAN GOVERNMENT (3 credits)

This course explores the development and nature of American political culture, constitutional and structural arrangements, policy-making processes and sources of conflict and consensus.

POS-310: CONSTITUTIONAL ISSUES (3 credits)

This course examines critical constitutional issues, including capital punishment, abortion and affirmative action. Covers, among other issues, landmark U.S. Supreme Court cases that have helped define the Bill of Rights.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory political science course.

POS-315: INTERNATIONAL RELATIONS I (3 credits)

This course reviews paramount events and processes that have shaped global international relations in the modern era. Since the complex practice of international politics is studied through an extensive variety of methods, principles and conceptual approaches, the course is designed to familiarize student with the most common ones in

the field. The purpose of this intellectual pursuit is to enhance students' capacity to analytically and systematically explore relevant domestic and international developments.

POS-420: CONFLICT IN INTERNATIONAL RELATIONS (3 credits)

In tandem with burgeoning globalization and economic cooperation, modern international relations continue to be characterized by strife and violence, perhaps to an unprecedented degree. Conflict in International Relations examines the sources responsible for international strife and their effect by exploring the dynamics of conflict and aggression among individuals, groups, states and in the international system. Issues to be studied include the causes of war, politics of revolution and insurgency, the logic of terrorism and the nuclear predicament – as explained by current and past theorists and practitioners. The latter part of the course reviews possible mechanisms for managing international conflicts and perhaps even reducing them to a minimum.

Advisory: To be successful in this course, students should have earned 6 credits in political science or have comparable knowledge and experience.

PSG-101: THEORETICAL FUNDAMENTALS OF POLYSOMNOGRAPHY (3 credits)

This course will provide a history and overview of the Polysomnographic (PSG) discipline. It will, in conjunction with related clinical courses, cover the fundamentals of PSG: roles, ethics and professional behavior; basic sleep physiology; basic PSG related equipment; and the basic therapeutic interventions for patients suffering sleep disorders.

PSG-102: INSTRUMENTATION THEORY (3 credits)

This course provides an overview of the basic electrical principles involved in polysomnographic recording. The course covers, in detail, issues related to patient safety, operation of PSG equipment, recording specifications involved in data acquisition, troubleshooting

of recording equipment and patient documentation.

PSG-103: POLYSOMNOGRAPHY SCORING (3 credits)

This course provides a solid foundation in the principles, techniques and concepts related to polysomnographic scoring. The course covers the fundamental concepts of sleep staging, arousal recognition and scoring, and event scoring for respiratory, limb and cardiac events, and outlines the standard scoring practices currently in use.

Advisory: It is strongly recommended that students successfully complete Clinical Fundamentals of Polysomnography (PSG-200) and Clinical Patient Management (PSG-105) or have prior Polysomnographic clinical experience before registering for this course.

PSG-104: SLEEP DISORDERS (3 credits)

Sleep Disorders provides students a solid foundation in the classification, evaluation and differential diagnosis of sleep and arousal disorders. The course covers the classification of sleep disorders into appropriate categories, diagnostic criteria, essential and associated features, and polysomnographic evaluation of sleep disorders. It also reviews the most common sleep and arousal disorders in adults and children, focusing on those disorders evaluated using polysomnography or other objective clinical measures.

Advisory: It is recommended that students successfully complete PSG-101 Theoretical Fundamentals of Polysomnography before taking this class.

PSG-105: CLINICAL PATIENT MANAGEMENT (4 credits)

This course is the second of two blended courses (online and clinical) in which the learner studies (online) and applies (clinical) the concepts and techniques of patient care and management.

Prerequisite: PSG-200 Clinical Fundamentals of Polysomnography must be successfully completed before taking this course.

PSG-200: CLINICAL FUNDAMENTALS OF POLYSOMNOGRAPHY (6 credits)

This course is a blended course (online and clinical) in which the learner studies (online) and applies (clinical) the

fundamental concepts and techniques of Polysomnography.

Prerequisites: PSG-101 Theoretical Fundamentals of Polysomnography must be successfully completed before taking this course. Prior to beginning this course, students must pass a drug screen, a criminal background check and a required health screen.

PSY-101: INTRODUCTION TO PSYCHOLOGY (3 credits)

This course provides a broad general introduction to psychology and examines its basic subject matter, its approaches to gathering and evaluating evidence about the causes and correlates of behavior, and the ways psychological knowledge can be applied to improve the quality of individual and community life.

PSY-211: DEVELOPMENTAL PSYCHOLOGY (3 credits)

Developmental Psychology introduces the theories, methods and research findings associated with the study of the human life span. The course examines the developmental process from birth through old age.

PSY-300: THANATOLOGY: AN UNDERSTANDING OF DEATH AND DYING (3 credits)

This course provides an introduction to the concept of death in society. It is designed to help students understand the many dimensions of death and to become empathetic and effective caregivers.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course.

PSY-317: WORLDS OF CHILDHOOD (3 credits)

This course looks at child development in context, showing that the intersecting worlds of family, neighborhood, school and culture are no less important than biology in understanding the growth of children.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course.

PSY-322: RESEARCH IN EXPERIMENTAL PSYCHOLOGY (3 credits)

An introduction to the research methods used by experimental psychologists, this course provides examples of research studies from a variety of areas of experimental psychology and offers an understanding of the knowledge these studies have produced.

Advisory: It is advisable to have knowledge in a course equivalent to PSY-101 Introduction to Psychology with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

PSY-331: INTRODUCTION TO COUNSELING (3 credits)

This course offers a discussion of the theories and techniques of counseling, with an emphasis on developing listening, attending and observational skills.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course.

PSY-350: ABNORMAL PSYCHOLOGY (3 credits)

This course explores the complex causes, manifestations and treatments of common behavioral disorders

Advisory: It is advisable to have knowledge in a course equivalent to PSY-101 Introduction to Psychology with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

PSY-352: PSYCHOLOGY OF PERSONALITY (3 credits)

This course surveys major theoretical approaches to the study of personality. Students explore concepts regarding the basic components of personality, processes underlying behavior and methods of research. Both scientific discoveries and personal insights are explored.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course.

PSY-360: ORGANIZATIONAL THEORY (3 credits)

This course explores organizational structures, processes and outcomes and also examines the history of

organizational theory through the words and ideas of major theorists.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course.

PSY-363: INDUSTRIAL PSYCHOLOGY (3 credits)

Industrial Psychology emphasizes the application of psychological theories and research to staffing and development functions.

Advisory: It is advisable to have knowledge in a course equivalent to PSY-101 Introduction to Psychology or SOC-101 Introduction to Sociology with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

PSY-370: INTRODUCTION TO SOCIAL PSYCHOLOGY (3 credits)

This course introduces the field of social psychology, its theories and its research methods and findings.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course. Credit is not given for both PSY-370 and PSY-379.

PSY-374: PHYSIOLOGICAL PSYCHOLOGY (3 credits)

Physiological Psychology provides an introduction into the biological basis of behavior. This course explores the structure and function of the nervous system and its relationship to behavior, emotion, and cognition. Students examine how this system regulates our levels of wakefulness, sleep and emotional expression. Topics include neural anatomy, sensory and motor systems, learning and memory, cognition, emotion, sleep and psychological disorders. The relationship of the mind with psychological disorders such as addiction, depression, Autism and schizophrenia are also studied.

PSY-379: SOCIAL PSYCHOLOGY (6 credits)

Social Psychology explores how humans think and behave in social situations. The course examines concepts such as perception, thinking, evaluating the social world and application of social psychology to legal and health environments.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory psychology course. Credit is not given for both PSY-370 and PSY-379.

PSY-400: HISTORY AND SYSTEMS OF PSYCHOLOGY (3 credits)

History and Systems of Psychology provides an overview of the prominent figures, developments and ideas that shaped the history of psychology as an academic discipline. Theoretical viewpoints such as psychodynamic, Gestalt, behavioral and cognitive psychology are examined in terms of their scientific antecedents, philosophical foundations and sociocultural determinants.

REL-275: INTRODUCTION TO ISLAM (3 credits)

This course provides a comprehensive introduction to Islam as a religion, a civilization, a world culture, a human community and a political entity. It covers the entire period from the rise of Islam in the seventh century down to the present day. Touches on religious studies, history, sociology and philosophy.

REL-405: WORLD RELIGIONS (3 credits)

This course examines the complexity of religion as a multidimensional phenomenon characterized by heightened experience, ritual practice, powerful myths, ethical teaching, social organization and theological doctrine. The course explores religious traditions that are alive today and that involve the lives of the majority of people worldwide from the indigenous religions of Africa and North America to the major world religions of the East such as Hinduism, Buddhism, Confucianism, Taoism and Shinto as well as the western religions of the Book: Judaism, Christianity and Islam.

Advisory: This is an upper-level religious studies course. Students should have knowledge equivalent to an introductory course in religious studies.

REL-406: EASTERN RELIGIONS (3 credits)

This course provides a detailed examination of the major expressions of Asiatic religions, with special attention to Hindu, Buddhist, Jain, Confucian,

Taoist and Shinto traditions. Samples of key texts drawn from the sacred writings of each tradition will be examined.

Advisory: This is an upper-level religious studies course. Students should have knowledge equivalent to an introductory course in religious studies.

REL-407: WESTERN RELIGIONS (3 credits)

Judaism, Christianity and Islam receive detailed attention in the course, together with new religious movements. Samples of key texts drawn from the sacred writings of each tradition will be examined.

Advisory: This is an upper-level religious studies course. Students should have knowledge equivalent to an introductory course in religious studies.

RPT-260: RADIATION DETECTION AND INSTRUMENTATION (3 credits)

This course analyzes the multi-dimensional aspects of choosing, utilizing and maintaining a radiation protection instrument program. Students will explore the basic theories associated with the instrumentation, and the need to programmatically care and control for the equipment. Learners evaluate the foundational tenets of the legal aspects of these devices and their role in nuclear, personnel and public safety.

RPT-270: INTRODUCTION TO NUCLEAR ENGINEERING TECHNOLOGY AND RADIATION HEALTH PHYSICS (3 credits)

This course provides a comprehensive introduction to radiation health physics and the role of physics professionals in the field of radiation protection/health. Radiation protection applications in connection with nuclear power generation as well as the nuclear fuel cycle, research, government, industry, medicine, emergency preparedness and the environment are covered. Students will learn the fundamental tenets of radiation health physics that they can apply when advancing their education and pursuing a potential career in this broad field.

RPT-271: RADIATION BIOLOGY
(3 credits)

This course analyzes the multidimensional aspects of understanding and minimizing the effects of radiation on humans. Students will explore the basic theories associated with radiation exposure and the need to programmatically assess and minimize the potential biological insult. Learners evaluate the foundational tenets of the legal aspects of radiation exposure and the role it plays in personnel and public safety.

RPT-275: INTRODUCTION TO RADIATION GENERATING DEVICES
(3 credits)

This course will study the safe use of radiation generating devices. The focus is on how to operate these devices in a safe manner and in compliance with the state and federal regulations and the guidelines promulgated by recognized governing agencies and committees. Course topics covered include radiation generation, emission and the devices that produce radiation, including units of measure, dosage levels, exposure levels, background levels, ALARA and protection methods.

RPT-490: RADIATION PROTECTION/HEALTH PHYSICS ASSESSMENT/CAREER PLANNING
(3 credits)

Radiation Protection/Health Physics Assessment/Career Planning is an in-depth, student-centered course that requires the integration of research in current radiation protection/health physics employment. It includes: a radiation protection/health physics technology self-assessment; practical career planning; development of a comprehensive curriculum vitae (CV); interviewing strategies; and application of advanced math applications to radiation protection/health physics technology situations. Students will participate in career-focused activities that include building a professional CV and demonstration of successful interviewing techniques. The knowledge and skills acquired in this course are directly applicable to students who are seeking a job, a promotion or movement to a new skill area.

RPT-495: RADIATION PROTECTION/HEALTH PHYSICS CAPSTONE (3 credits)

Radiation Protection/Health Physics Capstone is an in-depth, student-centered activity that requires the integration of theory and practical experience in the field of radiation protection/health physics technology. Students will apply the skills and techniques they have learned to a specific project. The project will identify a real-world radiation protection/health physics technical problem, issue, event, developing technology or case study. Students will conduct research by exploring, evaluating and formulating a solution in a final paper. On successful completion of the course, students will demonstrate having met the learning outcomes of the BSAST degree program in NET/Radiation Protection.

SOC-101: INTRODUCTION TO SOCIOLOGY (3 credits)

This course examines the broad range of human social relationships and structures and the many forces - historical, cultural and environmental - that shape them.

SOC-210: MARRIAGE AND THE FAMILY (3 credits)

This course explores the various approaches to studying the family. Also covers the varieties of family forms, the family life cycle and some problems facing U.S. families.

SOC-242: JUVENILE DELINQUENCY (3 credits)

This course provides an analysis of the environmental and internal factors that influence or determine delinquent behavior. Various biosocial, psychological and sociological theories are presented to help explain the actions of individual juvenile offenders. The prevention and treatment of delinquent behavior is examined by focusing on the roles of parents/ guardians, school, church, police, business community, community agencies, and the juvenile justice and correctional system.

SOC-291: CRIMINOLOGY (3 credits)

This course focuses on the sociological analysis of criminal behavior and the

criminalization process and provides a systematic study of criminal and delinquent behavior in the U.S. including variations, ramifications, explanations, measures of control and treatment. Topics include the field of criminology; crime in the modern world, basic locations of crime; major deviations, violence and vocational patterns; juvenile delinquency; addiction; crimes of violence; criminal careers and organized crime; white-collar crime; critical issues in crime causation; nature of punishment and trends in punishment; and law enforcement: police, courts and the penal code.

SOC-315: SOCIAL GERONTOLOGY
(3 credits)

This course provides an understanding of the processes of aging, examines old age as a stage of life and discusses the impact of aging on society and of society on aging.

SOC-322: CULTURAL DIVERSITY IN THE UNITED STATES
(3 credits)

This course examines racial, ethnic, sexual, religious and other minority groups in American society. It explores the impact of law and policy on these groups and promotes an understanding of individuals from diverse backgrounds.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOC-361: COMPLEX ORGANIZATIONS (3 credits)

This course introduces students to the foundations of complex organizations and the challenges of organizational life in modern society. The course will examine several important topics including, but not limited to, the history and function of complex organizations, institutional power and culture, and issues of communication and diversity. Complex Organizations will help students to apply organizational concepts to the workplace and in their everyday lives.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOC-362: SOCIOLOGY OF WORK
(3 credits)

Sociology of Work analyzes the many forces that shape today's workplace and the lives of workers. This course begins by examining the historical and conceptual foundations of the sociological study of work. It then moves on to discuss changes in the workplace in the last century. In addition, the course analyzes workplace issues such as global, social, economic and cultural trends; gender and racial inequality; varied types of work; and the interplay between work and personal life.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOC-376: WOMEN AND SOCIAL ACTION (3 credits)

This course examines the impact that gender stereotypes and barriers have on women's lives and how they intersect with other systems such as age, class, disability, ethnicity, race, religion and sexual orientation.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOC-384: GANGS (3 credits)

This course examines the most salient and contemporary issues in the study of gangs in American society that include the prevalence, structures, norms and behaviors exhibited by gang members. It explores why and how gangs form, conditions of membership, and effects on members and society. Gang proliferation, race and gender issues, and the relationship between gangs and violence and drugs are also examined. The design and effectiveness of prevention, intervention and suppression policies and programs developed in response to this phenomenon are assessed.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOC-387: MODERN SOCIOLOGICAL FOUNDATIONS (3 credits)

Provides a foundation for an in-depth analysis of social structures. Using the enduring constants of sociological theory such as macro versus micro analysis, agency versus structure, consensus versus conflict and cultural versus economic factors, the course guides students through the study of the classical formulations of modern sociological theory by examining the works of Karl Marx, Max Weber, Emile Durkheim and Talcott Parsons.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOC-417: CONTEMPORARY SOCIOLOGICAL THEORY
(3 credits)

This course explores recent and contemporary sociological theories in an effort to help students understand how society functions. It examines the theories of George Simmel, George Herbert Mead, Anthony Giddens, Jürgen Habermas and Pierre Bourdieu, providing students with the opportunity to explore and compare the sociological ideas of these theorists. The course also considers the concept of a shift from modernity to postmodernity in sociological theory in order to provide students with the opportunity to critically examine the thrust of sociological theory in the present day. Students will be expected to critically examine whether/how the theories relate to real-world situations and events.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory sociology course.

SOS-110: LIVING IN THE INFORMATION AGE (3 credits)

Living in the Information Age is designed especially for students who are reentering academic study after a considerable hiatus in their formal schooling. Through interactive instructional software programs - MyFoundationsLab™ and Credo Information Literacy courseware - students evaluate and strengthen your academic skills in writing and information literacy. In addition, through

the use of different types of computer technology and by completing course activities, students learn about the ways in which computer technology has changed and is still changing education, work, society, and daily life. Learning activities include reading articles on technical subjects written for general audiences as well as writing essays and discussing topics ranging from future careers to internet privacy.

SOS-150: SELF-ASSESSMENT AND CAREER EXPLORATION (3 credits)

Based on the National Occupational Information Coordination Committee (NOICC) guidelines for adult competencies, this course is designed to help participants meet the suggested competencies for self-knowledge, educational and occupational exploration, and career planning.

SOS-304: DRUGS AND SOCIETY
(3 credits)

This course examines the physiological, psychological and sociological impact of substance use and abuse on individuals and on society. It includes current and historical approaches to treatment and prevention of substance abuse as well as pertinent legal and ethical issues.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory course in social sciences.

SOS-320: THE MANAGEMENT OF STRESS AND TENSION (3 credits)

This course describes a multifaceted approach to the management of stress and tension. The problem and nature of stress is presented as a multidimensional phenomenon. The psychosocial, occupational, bioecological and personality/behavioral causes of stress are examined. Students identify, discuss, and critique stress reduction resources and techniques. Through self-assessment exercises, students analyze stress factors in their own life and, using the self-assessment methods studied, develop a personal stress management plan.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory course in social sciences.

SOS-360: GAMES PEOPLE PLAY: GAME THEORY IN LIFE, BUSINESS AND BEYOND (3 credits)

Games People Play presents the fundamentals of game theory and applies the principles of this field of study to daily life. Game theory is defined as the scientific study of strategic, interactive decision making among rational individuals. Understanding game theory can help people make better decisions in their own lives and better understand the behavior and decisions of others. This course shows game theory at work in daily life, business and world affairs. Along the way, students are introduced to some of game theory's greatest minds, including John von Neumann, John Nash and Kenneth Arrow.

SOS-370: CHALLENGES IN U.S. AND GLOBAL PUBLIC HEALTH (3 credits)

This course introduces students to domestic and international health policy. The course explores public and private forums in which health policy is formulated and within which the politics of health care operate. It examines a range of contemporary issues in U.S. health care and the legislative and political mechanisms that shape those issues and focuses on how health issues relate to globalization, immigration, and migration and how health policy and foreign policy decisions in the developed world influence health policy and healthcare delivery in the developing world.

SOS-425: DELIBERATIVE DEMOCRACY AND SOCIAL ACTION (6 credits)

Deliberative Democracy and Social Action offers students a comprehensive inquiry into the process of deliberative democracy and the practice of civic action. It provides a critical overview of the theoretical basis for democracy as well as a historical-evolutionary perspective on the topic. Students gain insight into how democratic theories withstand contemporary institutional challenges as they apply governance theory to current events and seek viable solutions. Students also investigate how deliberative democracy and civic

action work at the local, state, national and international levels, examining the challenges that emanate from a rapidly globalizing international environment. Deliberative Democracy and Social Action also encourages students to apply their knowledge in order to become more responsible citizens of their nation and their world.

SOS-440: TERRORISM (3 credits)

This course covers the phenomenon of terrorism as explored along thematic and chronological lines that focus mainly on the American experience and perspective. The course delves into the evolution of terrorism, its impact on U.S. domestic and foreign policies, some pertinent international dimensions and the prospects for nonconventional terrorism in the future.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory course in social sciences.

SOS-450: ETHICS IN THE SOCIAL SCIENCES (3 credits)

Ethics in the Social Sciences begins with an introduction to moral theory, then surveys research regulation and research ethics, uses of authorship, plagiarism, peer review, data ownership and stewardship. Also examined is human subjects research and informed consent; research using live animals; and the clinician-patient relationship. Case studies are derived from anthropology, sociology and psychology.

SOS-492: RESEARCH METHODS IN SOCIAL SCIENCES (3 credits)

An introduction to the research methods used in the social sciences. The course provides examples of research studies that employ a variety of research techniques, and it fosters an understanding of the knowledge these studies have produced.

Advisory: This is an upper-level course. Students should have knowledge equivalent to an introductory course in social sciences.

SPA-101: ELEMENTARY SPANISH I (3 credits)

This course emphasizes acquiring conversational and comprehension skills by focusing on vocabulary recognition and pronunciation.

Advisory: This course is not recommended for students who have previously taken a Spanish language course.

STA-201: PRINCIPLES OF STATISTICS (3 credits)

An introductory course in statistics that develops skills for performing statistical computations and analyzing data. Topics include measures of central tendency and variation; probability concepts, rules and distribution; normal and sampling distributions; hypothesis tests; and descriptive and inferential methods in regression correlations.

Advisory: It is advisable to have knowledge in a course equivalent to MAT-121 College Algebra with a grade of C or better to succeed in this course. Students are responsible for making sure that they have the necessary knowledge.

TES-100: CORNERSTONE: LIFELONG LEARNING STRATEGIES (1 credits)

Cornerstone: Lifelong Learning Strategies is a 1-credit, self-directed course focusing on the learning process, University policies and academic strategies needed to guide the student along the path of obtaining a degree from Thomas Edison State University. This self-directed course provides a core foundation of the institution's procedures and resources to help the student navigate not only the online learning environment, but the process toward earning a degree. This course imparts practical tips and strategies for lifelong learning, helping students succeed regardless of where they are in their educational journey.

Prerequisite: RPT-490 Radiation Protection/Health Physics Assessment/Career Planning.

UNDERGRADUATE COURSE DELIVERY OPTIONS

www.tesu.edu/academics/catalog/Undergraduate-Course-Delivery-Options.cfm

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
ACC-101	Principles of Financial Accounting	x	x	x	
ACC-102	Principles of Managerial Accounting	x	x	x	x
ACC-201	Intermediate Accounting I		x		
ACC-202	Intermediate Accounting II		x		
ACC-303	Cost Accounting		x		
ACC-401	Advanced Accounting I		x		
ACC-402	Advanced Accounting II		x		
ACC-411	Auditing		x		
ACC-415	Advanced Audit		x		
ACC-421	Federal Income Taxation	x	x	x	
ANT-101	Introduction to Anthropology		x		
AOJ-101	Introduction to Law Enforcement		x		
AOJ-102	Introduction to Criminal Justice		x		
AOJ-280	Forensic Science		x		
AOJ-303	White-Collar Crime		x		
AOJ-381	Victimology and Criminal Behavior		x		
AOJ-484	Public Policy, Crime and Criminal Justice		x		
APS-100	Medical Terminology		x	x	
APS-289	Radiation Safety Officer			x	
APS-295	Associate Capstone		x		
APS-302	Customer Service a Practical Approach		x		
APS-400	Occupational Health and Safety		x		
APS-401	Current Trends and Applications		x		
APS-402	Applied Quality Management		x		
ART-100	A World of Art		x		
ART-166	The History of Western Art I	x	x		
ART-167	The History of Western Art II	x	x		
AST-101	Introductory Astronomy	x	x		
AVF-303	Aviation Safety		x		
AVF-472	Airport Management I		x		
AVF-474	Airport Management II		x		
AVT-301	Airline Management		x		
AVT-305	Airline Marketing and Customer Service		x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
AVT-306	Crew Resource Management		x		
BIO-101	Introductory Biology		x		
BIO-208	The Science of Nutrition	x	x	x	x
BIO-211	Human Anatomy and Physiology I		x		
BIO-212	Human Anatomy and Physiology II		x		
BIO-310	Man's Best Friend: The Biology and Behavior of Dogs		x		
BPS-495	Bachelor of Science in Professional Studies Capstone		x		
BUE-101	Personal Finance for 2000 and beyond		x		
BUS-101	Introduction to Business	x	x		
BUS-161	Business Mathematics	x	x		
BUS-210	Quantitative Methods for Decision Makers		x		
BUS-311	Business in Society			x	
BUS-421	Strategic Management	x	x	x	
CHE-101	Survey of Chemistry		x		
CHE-111	General Chemistry I		x		
CHE-112	General Chemistry II		x		
CHE-121	General Chemistry I with Lab		x		
CHE-122	General Chemistry II with Lab		x		
CHE-128	General Chemistry I Lab		x		
CHE-129	General Chemistry II Lab		x		
CIS-107	Computer Concepts and Applications	x	x	x	
CIS-301	Management Information Systems		x		
CIS-311	Database Management		x		
CIS-320	System Analysis and Design I		x		
CIS-351	Software Engineering		x		
CMP-202	Fundamentals of Information Technology		x		
CMP-354	Network Technology		x	x	
COM-120	Introduction to Mass Communications I	x	x		
COM-121	Introduction to Mass Communications II	x	x		
COM-209	Public Speaking		x		
COM-210	Public Relations Thought and Practice			x	
COM-265	Communication in the Digital Age		x		
COM-330	Interpersonal Communications		x		
COM-335	Elements of Intercultural Communication	x	x		
COM-339	The Story of Human Language		x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
COS-101	Introduction to Computers	x	x		
COS-116	C Programming	x	x		
COS-205	Python Programming		x		
COS-206	R Programming		x		
COS-213	C++ Programming	x	x		
COS-231	Assembly Language	x	x		
COS-241	Data Structures	x	x		
COS-330	Computer Architecture	x	x		
COS-352	Operating Systems	x	x		
COS-451	Artificial Intelligence		x		
CTR-211	Electronic Instrumentation and Control	x	x		
CTR-212	Programmable Logic Controllers		x		
DSI-200	Analyze This! Interpretive Data Analysis		x		
EAS-101	General Earth Science		x		
EAS-131	Introductory Meteorology		x		
EAS-201	The Science of Disasters		x		
ECO-111	Macroeconomics	x	x		
ECO-112	Microeconomics	x	x	x	
ECO-490	International Economics	x	x		
EGM-211	Statics		x		
EGM-321	Thermodynamics		x		
EGM-323	Heat Transfer		x		
EGM-331	Fluid Mechanics		x		
ELC-201	Electronic Communication Systems		x		
ELD-302	Digital Electronics		x		
ELD-311	Microprocessors		x		
ELD-400	Advanced Microprocessors		x		
ELE-211	DC Circuits		x		
ELE-212	AC Circuits		x		
ELT-306	Solid State Devices and Circuits		x		
ELT-307	Linear and Integrated Circuits		x		
ELT-308	Industrial Electronics		x		
ELT-490	Electronic Assessment/Career Planning		x		
ELT-495	Electronics Engineering Tech Capstone		x		
ENC-101	English Composition I	x	x	x	
ENC-102	English Composition II	x	x	x	

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
ENG-201	Technical Writing	x	x	x	
ENG-202	Technical Communications		x		
ENG-205	History of the English Language		x		
ENG-298	Jane Austen: Pride and Prejudice		x		
ENG-393	One Writer's Vision: Jane Austen		x		
ENS-314	Global Environmental Change	x	x		
ENS-360	Environmental Sustainability and Social Justice		x	x	
ETH-210	Environmental Ethics		x	x	
ETH-230	Ethics in the Digital Age		x		
EUT-302	Gas Combustion		x		
EUT-309	Gas Distribution		x		
EUT-401	Regulatory Policy and Procedures		x		
EUT-402	Applied Economic Analysis		x		
FDR-440	Fundraising for Nonprofits		x		
FIL-110	American Cinema	x	x		
FIN-301	Principles of Finance	x	x		
FIN-314	Small Business Finance		x		
FIN-321	Security Analysis and Portfolio Management		x	x	
FIN-331	Financial Institutions and Markets		x	x	
FIN-334	International Finance		x		
FIN-382	Risk Management		x		
FIT-190	First Aid, CPR, Safety		x		
FIT-211	Kinesiology		x	x	
FIT-230	Individual Assessment of Fitness and Wellness		x		
FIT-250	Principles and Programs of Fitness and Wellness		x		
FIT-280	Exercise and Nutrition for Special Populations		x		
GEO-151	Physical Geology	x	x		
GER-312	Biological Aspects of Aging		x		
GLB-301	Global Issues and Society		x		
GOG-230	World Geography		x		
HEA-305	Women's Health		x		
HEA-306	Men's Health		x		
HIS-101	Western Civilization I	x	x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
HIS-102	Western Civilization II	x	x		
HIS-113	American History I	x	x		
HIS-114	American History II	x	x		
HIS-126	World History From 1600-Present			x	
HIS-210	American Civil Rights Movement	x	x		
HIS-235	American Civil War	x	x		
HIS-261	Introduction to Chinese History and Culture	x	x		
HIS-301	African History and Culture	x	x		
HIS-306	African American History		x		
HIS-310	The Middle East		x		
HIS-356	War and American Society	x	x		
HIS-425	Dialogues on the Experience of War: War and Reintegration		x		
HLS-355	Critical Thinking for Homeland Security		x		
HLS-410	Counterterrorism: Constitutional and Legislative Issues		x		
HLS-420	Homeland Security: Preparedness, Prevention and Deterrence		x		
HLS-429	Protecting the Homeland: Response and Recovery		x		
HLS-498	Homeland Security Capstone		x		
HPS-200	Statistics for the Health Professions		x		
HUM-101	Introduction to the Humanities I: Philosophical Thought		x		
HUM-102	Introduction to the Humanities II: Drama, Poetry and Narrative		x		
HUM-103	Introduction to the Humanities III: Music		x		
HUM-104	Introduction to the Humanities IV: Fine Arts and Architecture		x		
HUS-101	Introduction to Human Services			x	
HUS-295	Associate-Level Human Services Capstone		x		
HUS-495	Bachelor-Level Human Services Capstone		x		
JOU-110	Introduction to News Reporting			x	
JOU-352	News Writing	x	x		
LAW-201	Business Law	x	x		
LDR-305	Foundations of Leadership		x		
LDR-324	Leaders in History		x		
LDR-345	Theories of Leadership		x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
LDR-419	Nonprofit Leadership		x		
LDR-422	Leadership in a Global Environment		x		
LDR-435	Leadership Practicum		x		
LIB-312	From Hansel and Gretel to the Hunger Games: An Evolution of Children's and Young Adult Literature		x		
LIB-320	The Music Of War and Peace		x		
LIB-342	Online Obsession: Determining and Dealing with Digital Dependency		x		
LIB-360	The Ethics of War and Peace		x		
LIB-495	Liberal Arts Capstone	x	x		
LIT-202	Literary Roots of Western Culture		x		
LIT-205	American Literature I		x		
LIT-206	American Literature II		x		
LIT-221	Introduction to Children's Literature	x	x		
LIT-291	Analysis and Interpretation of Literature	x	x		
LIT-301	Advanced American Literature I		x		
LIT-302	Advanced American Literature II		x		
LIT-331	African Encounters		x		
LIT-460	Non-Western Literature		x		
MAN-230	Introduction to Entrepreneurship		x		
MAN-301	Principles of Management		x		x
MAN-311	Organizational Behavior		x		x
MAN-331	Human Resources Management	x	x		x
MAN-372	International Management	x	x		
MAN-373	Managerial Communications	x	x	x	
MAN-376	Leadership Communication		x		
MAN-415	Change Management		x		
MAN-425	Advanced Organizational Management		x		
MAN-432	Small Business Management	x	x		
MAN-435	Project Management		x		
MAR-301	Introduction to Marketing	x	x		x
MAR-306	Creating and Implementing the Electronic Enterprise		x		
MAR-310	Principles of Sales		x		
MAR-321	Marketing Communications			x	
MAR-322	Sales Management			x	

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
MAR-323	Advertising			x	
MAR-335	New Product Development and Marketing		x		
MAR-411	Marketing Research		x		
MAR-441	Marketing with Digital and Social Media		x		
MAR-479	Applied Marketing Practices		x		
MAT-105	Applied Liberal Arts Mathematics		x	x	
MAT-115	Intermediate Algebra		x		
MAT-119	Quantitative Business Analysis		x		
MAT-121	College Algebra	x	x	x	
MAT-129	Precalculus for Technology	x	x		
MAT-231	Calculus I	x	x		
MAT-232	Calculus II	x	x		
MAT-270	Discrete Mathematics	x	x		
MAT-301	History of Mathematics		x		
MAT-321	Linear Algebra		x		
MAT-331	Calculus III		x		
MAT-332	Calculus IV		x		
MAT-351	Mathematical Modeling		x		
MAT-361	College Geometry		x		
MAT-401	Mathematical Logic		x		
MUS-220	Music History I		x		
MUS-221	Music History II		x	x	
NEG-401	Negotiations and Conflict Management			x	
NUC-238	Radiation Analysis Lab		x		
NUC-303	Nuclear Physics for Technology		x		
NUC-342	Radiological, Reactor and Environmental Safety		x		
NUC-351	Nuclear Instrumentation and Control		x		
NUC-365	Reactor Fundamentals		x		
NUC-380	Nuclear Rules and Regulations		x		
NUC-402	Nuclear Materials		x		
NUC-412	Radiation Biophysics	x	x		
NUC-413	Radiation Interactions	x	x		
NUC-416	Health Assessment		x		
NUC-423	Heat Transfer		x		
NUC-490	Nuclear Technology Assessment/ Career Planning		x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
NUC-495	Nuclear Energy Engineering Technology Capstone		x		
NUR-320	Introduction to Professional Nursing*				
NUR-328	Health Assessment and Health Promotion*				
NUR-340	Nursing Informatics		x		
NUR-342	Advancing Nursing Practice		x		
NUR-400	Nursing Care Across the Lifespan*				
NUR-410	Nursing Care of Vulnerable Populations*				
NUR-418	Research in Nursing		x		
NUR-420	Integrating Advanced Nursing Concepts*				
NUR-428	Leadership and Management in Nursing		x	x	
NUR-441	Community Health Nursing		x		
NUR-443	Public Health Nursing		x		
NUR-445	Validating Nursing Competence		x		
NUR-500	Seminar in Clinical Competence		x		
NUR-516	Advanced Health Assessment		x		
NUR-529	Health Policy		x		
NUR-530	Evidence Based Nursing Practice		x		
NUR-531	Nursing Informatics: Concepts and Issues		x		
NUR-600	Nursing Leadership in a Global Community		x		
NUR-612	Healthcare Finance for Nurse Educators		x		
NUR-613	Nursing Informatics: Concepts and Issues		x		
NUR-614	Professional Writing from the Idea to the Publication		x		
NUR-621	Instructional Technology for Nurse Educators		x		
NUR-622	Independent Study in Instructional Technology		x		
NUR-630	Theoretical Foundations and Instructional Strategies in Nursing Education		x		
NUR-632	Nursing Administration: Standards and Structures		x		
NUR-640	Advanced Pathophysiology		x		
NUR-650	Advanced Pharmacology		x		
NUR-700	Curriculum Theory and Development in Nursing Education		x		

* These are classroom based courses with clinical component for students in Accelerated 2nd Degree BSN Program

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
NUR-701	Nursing Informatics: Databases and Knowledge Management		x		
NUR-702	Nursing Administration: Executive Managerial Process		x		
NUR-710	Testing, Assessment and Evaluation		x		
NUR-711	Nursing Informatics: Consumer Informatics and Communication Technologies		x		
NUR-712	Nursing Administration: Resource Acquisition and Management		x		
NUR-720	Nursing Education Seminar and Ongoing Practicum		x		
NUR-721	Nursing Informatics: Seminar and Practicum I		x		
NUR-722	Nursing Administration: Seminar and Role Practicum		x		
NUR-730	Nursing Education Seminar and Online Practicum		x		
NUR-731	Nursing Informatics: Seminar and Practicum II		x		
NUR-732	Nursing Administration: Seminar and Process Practicum		x		
NUR-740	Nurse Educator: Practicum I		x		
NUR-750	Nurse Educator: Practicum II		x		
OPM-301	Operations Management		x	x	
OPM-411	Total Quality Management		x		
OPM-415	Logistics		x		
OPM-420	Supply Chain Management		x		
PHI-130	Introduction to Critical Reasoning		x	x	
PHI-286	Contemporary Ethics		x		
PHI-370	Philosophy of Religion		x		
PHI-383	Ethical Issues in Criminal Justice		x		
PHI-384	Ethics and the Business Professional	x	x		
PHI-475	Biomedical Ethics		x		
PHO-101	Introduction to Photography		x		
PHY-111	Physics I		x		
PHY-112	Physics II		x		
PHY-115	Physics I with Lab	x	x		
PHY-116	Physics II with Lab	x	x		
PHY-128	Physics I Lab		x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
PHY-129	Physics II Lab		x		
PLA-100	Introduction to Prior Learning Assessment		x		
PLA-200	Introduction to Portfolio Development		x		
POS-101	Introduction to Political Science			x	
POS-110	American Government	x	x		
POS-282	Introduction to Comparative Politics			x	
POS-310	Constitutional Issues	x	x		
POS-315	International Relations I		x		
POS-420	Conflict in International Relations		x		
PSG-101	Theoretical Fundamentals of Polysomnography		x		
PSG-102	Instrumentation Theory		x		
PSG-103	Polysomnography Scoring		x		
PSG-104	Sleep Disorders		x		
PSG-105	Clinical Patient Management		x		
PSG-200	Clinical Fundamentals of Polysomnography		x		
PSY-101	Introduction to Psychology	x	x		x
PSY-211	Developmental Psychology	x	x		x
PSY-270	Psychology of Women			x	
PSY-300	Thanatology: An Understanding of Death and Dying	x	x		x
PSY-317	Worlds of Childhood	x	x		
PSY-322	Research in Experimental Psychology	x	x		
PSY-331	Introduction to Counseling	x	x		x
PSY-350	Abnormal Psychology	x	x	x	x
PSY-352	Psychology of Personality	x	x		
PSY-360	Organizational Theory	x	x		
PSY-363	Industrial Psychology				x
PSY-370	Introduction to Social Psychology				x
PSY-374	Physiological Psychology		x		
PSY-379	Social Psychology	x	x		
PSY-400	History and Systems of Psychology		x		
REL-275	Introduction to Islam		x		
REL-405	World Religions	x	x		
REL-406	Eastern Religions	x	x		
REL-407	Western Religions	x	x		

COURSE ID	COURSE TITLE	GUIDED STUDY COURSE	ONLINE COURSE	TECEP EXAM	E-PACK COURSE
RPT-260	Radiation Detection and Instrumentation		x		
RPT-270	Introduction to Nuclear Engineering Technology and Radiation Health Physics		x		
RPT-271	Radiation Biology		x		
RPT-275	Introduction to Radiation Generating Devices		x		
RPT-490	Radiation Protection/Health Physics Assessment/Career Planning		x		
RPT-495	Radiation Protection/Health Physics Capstone		x		
SOC-101	Introduction to Sociology	x	x	x	x
SOC-210	Marriage and the Family	x	x	x	x
SOC-242	Juvenile Delinquency		x		
SOC-291	Criminology		x		
SOC-315	Social Gerontology	x	x		
SOC-322	Cultural Diversity in the United States	x	x		
SOC-361	Complex Organizations	x	x		
SOC-362	Sociology of Work	x	x		
SOC-376	Women and Social Action		x		
SOC-384	Gangs		x		
SOC-387	Modern Sociological Foundations		x		
SOC-417	Contemporary Sociological Theory		x		
SOS-110	Living in the Information Age		x		
SOS-150	Self Assessment and Career Exploration		x		
SOS-304	Drugs and Society	x	x		
SOS-320	The Management of Stress and Tension		x		
SOS-360	Games People Play: Game Theory in Life, Business and Beyond		x		
SOS-370	Challenges in U.S. and Global Public Health		x		
SOS-425	Deliberative Democracy and Social Action		x		
SOS-440	Terrorism				
SOS-450	Ethics in the Social Sciences		x		
SOS-492	Research Methods in Social Sciences		x		
SPA-101	Elementary Spanish I	x			
STA-201	Principles of Statistics	x	x	x	x
TES-100	Cornerstone: Lifelong Learning Strategies		x		

NURSING COURSES

www.tesu.edu/academics/courses/Nursing-Courses.cfm

Select nursing courses have prerequisites and advisories, which are noted in course descriptions. Students are responsible for knowing degree requirements, the prerequisites and advisories for the courses needed, and for registering for the selected courses only after satisfying prerequisites. Students who schedule courses without satisfying prerequisites will be denied access to the course, possibly incurring financial withdrawal penalties.

CORE COURSES

NUR-531: NURSING INFORMATICS: CONCEPTS AND ISSUES (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course combines knowledge and skills from nursing science, computer science, information science and cognitive science to design and implement automated systems that support the nursing process in the delivery of healthcare services. Within this course, major topics related to nursing informatics and related fields will be explored. Emphasis is placed on developing an understanding of how automation is used to manage information in healthcare and the nurses role in the process. This graduate-level overview course provides required informatics knowledge and skills for all MSN students as well as the foundation for all additional informatics courses.

Advisory: A course equivalent to NUR-340-NU Nursing Informatics is required to be successful in NUR-531- NG Nursing Informatics: Concepts and Issues. Students are responsible for ensuring they have acquired the knowledge needed prior to registering for NUR-531-NG.

NUR-529: HEALTH POLICY (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course examines a comprehensive model of policymaking. Course emphasis is on the healthcare trends,

forces and issues that shape health policy. Students, focusing on the core elements of health policy analysis, examine how politics, ethics, economics, and social and cultural variables influence policy development and impact healthcare outcomes. Students also explore the leadership role of nursing in policymaking.

NUR-530: EVIDENCE-BASED NURSING PRACTICE (3 credits)

Open only to RNs with a BSN degree, this course focuses on the elements of evidence based practice. focus is placed on the cyclical process of identifying clinical questions, searching and appraising the evidence for potential solutions/innovations, planning and implementing practice changes, evaluating the outcomes and identifying additional gaps in nursing knowledge. integration of the existing evidence with clinical judgment, patient preferences, interprofessional perspectives and other resources form the basis for the clinical decision-making process that is inherent in improving patient, population and organizational outcomes. Processes for leading managing practice changes are explored.

Prerequisite: a course equivalent to HPS-200-OL Statistics for the Health Professions and also NUR-418 Research in Nursing is required prior to enrolling in NUR-530-NG Evidence-Based Nursing Practice.

NUR-600: NURSING LEADERSHIP IN A GLOBAL COMMUNITY (3 credits)

Open only to RNs with a BSN degree, this course examines human diversity and healthcare through a global perspective. Issues of social justice and allocation of resources across populations are examined. The impact of bio and digital technology on healthcare, disease prevention and health promotion is also examined. The practice of nursing and its leadership role across the global community are examined within this perspective.

DIRECT CARE CORE COURSES

NUR-516: ADVANCED HEALTH ASSESSMENT (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course focuses on the acquisition of advanced health assessment and clinical reasoning skills. Students apply the diagnostic (clinical) reasoning process to develop a comprehensive plan of care for patients in a variety of settings throughout the life span. Emphasis is placed on advance health assessment skills, health promotion, disease prevention and risk assessment.

NUR-640: ADVANCED PATHOPHYSIOLOGY (3 credits)

This course uses a systems-based life span approach to discriminate between normal physiologic function and pathophysiologic processes. A critical analysis of selected major health problems will emphasize etiology, epidemiology, presentation, diagnostics, clinical management and complications. Health promotion and educational strategies for individuals, families, populations and/or communities will be explored.

NUR-650: ADVANCED PHARMACOLOGY (3 credits)

This course is designed to advance the student's knowledge of pharmacokinetics, pharmacodynamics, pharmacogenomics and pharmacotherapeutics in the management of health and disease states. Major categories of pharmacological agents are examined in the context of the life span, culture, and health and disease states. Emphasis is placed on the use of current guidelines to select appropriate medication regimens for patients and populations.

ELECTIVES

Students in the Nursing Administration and Nursing Informatics specialty areas may choose any graduate-level nursing course relevant to advanced nursing practice: administration and management, informatics and technology, and education. Courses may be selected from all nursing graduate specialty courses or graduate electives within the University. To ensure acceptance of transfer credits toward MSN degree requirements, students are advised to seek approval from the nursing program advisor prior to registering for the course. Please see the University website www.tesu.edu/nursing, or the University Catalog online, for elective nursing courses offered by the W. Cary Edwards School of Nursing.

NOTE: Neither HPS-200 nor NUR-340 may be used to satisfy MSN elective requirements.

SPECIALTY AND PRACTICUM COURSES

Nurse Educator

NUR-630: THEORETICAL FOUNDATIONS AND INSTRUCTIONAL STRATEGIES IN NURSING EDUCATION (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide the foundation for understanding theories, philosophies and strategies of teaching and learning that have influenced, and still influence, nursing education. Principles of adult education, teaching and learning theories, and strategies will be discussed. The three domains of learning: cognitive, affective and psychomotor in relation to nursing education will be explored throughout the course. Students will have the opportunity to explore their own methods of learning and develop their own philosophy of education. Ethical and legal issues as related to students in all different environments will be emphasized. This course sets the foundation for all of the other education courses in the curriculum.

NUR-700: CURRICULUM THEORY AND DEVELOPMENT IN NURSING EDUCATION (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to address the study of curriculum development, design, implementation and evaluation in nursing education. Historical and philosophical foundations of nursing education are examined. The practical application and synthesis of curriculum theory is emphasized. The role of the educator in the dynamic relationship between the practice setting, research and curriculum is examined.

Advisory: A course equivalent to NUR-630-NG Theoretical Foundations and Instructional Strategies in Nursing Education is required to be successful in NUR-700-NG Curriculum Theory and Development in Nursing Education. Students are responsible for having acquired this knowledge prior to registering for NUR-700-NG.

NUR-710: TESTING, ASSESSMENT AND EVALUATION (3 credits)

Open only to RNs with a BSN degree or higher, this course focuses on preparing teachers in nursing curricula to focus on learning outcomes. The concepts of measurement and evaluation are examined as the basis for studying how instruction, testing, assessment and evaluation of student learning are interrelated. Formative, and summative, and qualitative and quantitative assessment methodologies are applied to evaluate instruction and learning in various educational settings.

Advisory: Courses equivalent to NUR-630-NG Theoretical Foundations and Instructional Strategies in Nursing Education and NUR-700-NG Curriculum Theory and Development in Nursing Education are required to be successful in NUR-710-NG Testing, Assessment and Evaluation. Students are responsible for having acquired this knowledge prior to registering for NUR-710-NG.

NUR-740: NURSE EDUCATOR: SEMINAR AND PRACTICUM I (3 credits)

In this course, the role of the nurse educator is explored and developed. Students examine education, nursing, leadership and change theories as they apply to selected academic or practice environments. Students organize and complete an approved educational Practicum in an academic or practice environment. Students engage in a reflective discussion of nursing education issues and experiences in the online seminar. This course requires completion of 120 Practicum hours. Submission of the e-Portfolio and a synthesis project will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: all other MSN degree and Nurse Educator Certificate Requirements. Submission of all documents and requirements outlined in the Practicum Packet including criminal background check. Due to course workload, it is recommended that students take this course alone.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a web cam.

NUR-750: NURSE EDUCATOR: SEMINAR AND PRACTICUM II (3 credits)

In this course, students perform in the role of an advanced nurse educator, apply complex knowledge and skill in academic and practice learning environments, evaluate strategies to advance nursing education, and explore the current and future educational challenges for the advancement of nursing education. Course requirements include completion of 150 Practicum hours, submission of the Capstone Project – Phase 2 and the finalized e-Portfolio.

Prerequisites: All other MSN degree and Nurse Educator certificate requirements. Submission of all documents and requirements outlined in the Practicum Packet including a criminal background check.*

**Due to course workload, it is recommended that students not be enrolled in other courses at the same time.*

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course.

Nursing Informatics

NUR-631: NURSING INFORMATICS: SYSTEMS LIFE CYCLE (3 credits)

Open only to RNs with a BSN degree or higher, this course provides students with a sequential process that supports the successful implementation of an information system within a variety of healthcare settings. Various techniques and skills will be presented that assist healthcare organizations in advancing through the stages of a systems life cycle. Emphasis is placed on the role of the nursing informatics specialist within this process.

NUR-701: NURSING INFORMATICS: DATABASES AND KNOWLEDGE MANAGEMENT (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide a comprehensive foundation in the relationship between data, information, knowledge and wisdom by examining database design standards and issues. Students explore the relationship between knowledge discovery and databases as they relate to nursing and healthcare delivery. Concepts of data warehouse, data mining, knowledge management and security/access will be explored.

NUR-711: NURSING INFORMATICS: CONSUMER INFORMATICS AND COMMUNICATION TECHNOLOGIES (3 credits)

Open only to RNs with a BSN degree or higher, this explores communication technologies and their use in meeting consumer needs. Emphasis is placed on empowering patients and consumers to safely obtain information, services and emotional support through effective use of these technologies as well as supporting healthcare providers in providing the needed consumer resources. Topics include communication technologies, Web 2.0 and healthcare related groups, resources and services on the web, personal health records, and developing policies and guidelines for providers and patients.

NUR-721: NURSING INFORMATICS: SEMINAR AND PRACTICUM I (3 credits)

The Nursing Informatics Seminar and Practicum I and II are closely aligned. The two Practicums provide a capstone experience for applying knowledge and skills acquired during the nursing informatics program. Practicum I and II are scheduled in the same healthcare setting. Students select their learning environment based on course objectives and their professional goals, needs and interests. In Nursing Informatics Seminar and Practicum I, students working with the online mentor and onground preceptor, develop a plan for Practicum activities and select, initiate and implement informatics related projects that may continue into the second Practicum. Students reflectively discuss their experiences, projects and related learning in the online seminar. This course requires completion of 120 Practicum hours.

Prerequisites: All other MSN degree and Nursing Informatics Certificate requirements except NUR-731-NG Nursing Informatics: Seminar and Practicum II, submission of all documents and requirements outlined in the Practicum Packet including a criminal background check. Students may register for one elective concurrent with this course.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a webcam.

NUR-731: NURSING INFORMATICS: SEMINAR AND PRACTICUM II (3 credits)

This course builds on the students learning and achievements from Nursing Informatics Seminar and Practicum I. Depending on the learning opportunities available and the students evolving professional goals, the student, in consultation with the course mentor and onground preceptor, may continue and/or modify the selected Practicum activities and project(s) developed in the first Practicum course. Students reflectively discuss their experiences, projects and related learning in the online seminar. This course requires completion of 120 Practicum hours. Submission of the e-Portfolio and a synthesis paper will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: All other MSN degree and Nursing Informatics Certificate requirements; submission of all documents and requirements outlined in the Practicum Packet including a criminal background check. Students may register for one elective concurrent with this course.

Nursing Administration

NUR-632: NURSING ADMINISTRATION: STANDARDS AND STRUCTURES (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to provide a foundation upon which students understand healthcare organizations, what accreditation organizations exist and how some organizations are designated for quality attainment. An overview of the standards and competencies forming the basis for managerial and executive roles is examined. Students will have the opportunity to examine information in the context of their current organization and their current competencies. This course is the foundation for all subsequent nursing administration courses in the curriculum.

NUR-702: NURSING ADMINISTRATION: EXECUTIVE MANAGERIAL PROCESS (3 credits)

Open only to RNs with a BSN degree or higher, this course is designed to facilitate the development of nurse managers and administrators/executives. Using theoretical constructs, focus is placed on selected processes that contribute to quality nursing outcomes through systems thinking, communication and relationship building, professionalism and knowledge of the healthcare environment.

NUR-712: NURSING ADMINISTRATION: RESOURCE ACQUISITION AND MANAGEMENT (3 credits)

Open only to RNs with a BSN degree or higher, this course examines resources required to deliver quality healthcare services. The acquisition, management and use of resources in the healthcare environment are explored. Fiscal, human, technological, intellectual and material resources are examined and analyzed in the context of current and future healthcare environments.

NUR-722: NURSING

ADMINISTRATION: SEMINAR AND ROLE PRACTICUM (3 credits)

This course provides the student with the opportunity to experience the role of nurse administrator/executive. An individualized nursing administration Practicum in a specific area of clinical emphasis is chosen by the student and monitored by the mentor and onground preceptor. Competencies that govern the role of the nurse administrator/executive are explored in depth. Students focus on the context for enacting the role of nurse administrator/executive in a healthcare delivery system. Students engage in a reflective discussion of nursing administration issues and experiences in the online seminar. This course requires completion of 150 hours of Practicum.

Prerequisites: All other MSN degree and Nursing Administration Certificate requirements except NUR-732-NG Nursing Administration: Seminar and Process Practicum, submission of all documents and requirements outlined in the Practicum Packet, including a criminal background check. Students may register for one elective concurrent with this course.

Advisory: Students who do not have updated e-Portfolios will not be able to register for this course. Students should have access to a webcam.

NUR-732: NURSING

ADMINISTRATION: SEMINAR AND PROCESS PRACTICUM (3 credits)

This capstone course provides the student with the opportunity to integrate management theory into the role of nurse administrator/executive. Student focus is on nursing management processes in healthcare systems. Students continue in their selected area of clinical practice monitored by the mentor and on-ground preceptor. Students engage in a reflective discussion of nursing administration issues and experiences in the online seminar. This course requires completion of 150 hours of Practicum. Submission of the e-Portfolio and a synthesis paper will be required to demonstrate achievement of MSN program outcomes and competencies.

Prerequisites: All other MSN degree and Nursing Administration Certificate requirements; submission of all documents and requirements outlined in the Practicum Packet, including a criminal background check. Students may register for one elective concurrent with this course.

ACCELERATED 2ND DEGREE BSN

All courses will have a course platform in the online environment. The campus-based courses NUR-320, NUR-328, NUR-400, NUR-410 and NUR-420 will have a clinical component as well as an online component. Students are expected to adhere to all online participation course guidelines found in each course.

NUR-320: INTRODUCTION TO PROFESSIONAL NURSING (7 credits)

In this course, students are introduced to the profession of nursing. The theoretic constructs of the metaparadigm of nursing serve as a basis for role development and understanding the practice of nursing. Health promotion, disease prevention, safety, and quality of care provide a context for the practice of evidence-based nursing. This course is designed to be taken concurrently with NUR-340 and NUR-342. This course is classroom-based with a clinical component.

NUR-328: HEALTH ASSESSMENT AND HEALTH PROMOTION (3 credits)

The course introduces the student to the process of systematic and comprehensive health data collection and assessment. Emphasis is placed on strategies for interpersonal communication, skillful examination techniques and data validation. Culturally and age appropriate health promotion and disease prevention activities are explored. This course is designed to be taken concurrently with NUR-340 and NUR-342. This course is classroom-based with a clinical component.

NUR-340: NURSING INFORMATICS (3 credits)

Nursing Informatics focuses on the use of electronic technologies and the management of information to facilitate nursing practice and enhance nursing knowledge. The use of electronic technologies in nursing practice, administration, education and research is explored. Learning experiences are provided to develop the basic skills nurses need to practice competently in an electronic healthcare environment. A reflective learning portfolio, initiated in the course, is used

to validate professional and academic achievements and growth throughout the baccalaureate program.

NUR-342: ADVANCING NURSING PRACTICE (3 credits)

This course creates a foundation for transition to baccalaureate nursing practice. An overview of professional practices standards and models of clinical competence is provided. Issues related to current nursing practice within the complex healthcare environment are examined. The contemporary role of the baccalaureate prepared nurse is explored. A reflective learning portfolio will serve as a means to validate professional and academic achievements and growth throughout the program.

NUR-400: NURSING CARE ACROSS THE LIFESPAN (8 credits)

Nursing Care Across the Lifespan prepares the student with the knowledge, skills and attitudes required to provide safe, quality nursing care to the childbearing, childrearing and gerontological client. Family-centered care, including health education and advocacy, are emphasized as essential to ensure high quality health outcomes. Nursing care for clients with selected altered health states are discussed with application to client-focused clinical practice. This course is designed to be taken concurrently with NUR-418 and NUR-531.

Prerequisite: Completion of NUR-320, NUR-328, NUR-340, and NUR-342. This course is classroom-based with a clinical component.

NUR-418: RESEARCH IN NURSING (3 credits)

Open only to Thomas Edison State University students enrolled in the BSN degree program and to nonenrolled RNs, this course is designed to increase the professional nurse's knowledge and use of the research process. Emphasis is placed on reading, interpreting and evaluating research findings, including considering ethical and practical aspects, as a basis for evidence-based nursing practice.

Prerequisite: Students are required to take a course equivalent to HPS-200: Statistics for the Health Professions prior to enrolling in NUR - 418: Research in Nursing.

***NUR-531: NURSING INFORMATICS: CONCEPTS AND ISSUES (GRADUATE) (3 credits)**

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course combines knowledge and skills from nursing science, computer science, information science and cognitive science to design and implement automated systems that support the nursing process in the delivery of healthcare services. Within this course, major topics related to nursing informatics and related fields will be explored. Emphasis is placed on developing an understanding of how automation is used to manage information in healthcare and the nurses role in the process. This graduate-level overview course provides required informatics knowledge and skills for all MSN students as well as the foundation for all additional informatics courses.

Advisory: A course equivalent to NUR-340-NU Nursing Informatics is required to be successful in NUR-531- NG Nursing Informatics: Concepts and Issues. Students are responsible for ensuring they have acquired the knowledge needed prior to registering for NUR-531-NG.

NUR-410: NURSING CARE OF VULNERABLE POPULATIONS (8 credits)

In this course, students are provided with the opportunity to examine the needs of individuals, families and populations who are experiencing vulnerability at the emotional and physiological level. Using the nursing process, students identify client learning needs and implement measures to decrease risk and facilitate health promotion, maintenance and restoration. Evidence-based practice and professional nursing standards are used to validate judgments and enhance critical thinking in the provision of safe, quality care. Professional role performance is broadened by caring for clients with complex health needs in a variety of acute and community based settings. The course is designed to be taken concurrently with NUR-443 and NUR-529.

Prerequisite: Completion of NUR-400, NUR-418 and NUR-531. This course is classroom-based with a clinical component.

NUR-443: PUBLIC HEALTH NURSING (3 credits)

The promotion of health and prevention of illness is the focus of the Public Health Nursing course. Theories from public health, nursing and social science as well as knowledge gained from previous learning, set the foundation for students to critically analyze the health of selected populations in a community. Healthy People 2020 serves as a guide for the identification of at-risk groups throughout the lifespan.

Prerequisite: Evidence of current RN license, current malpractice insurance. A minimum of 60 clinical hours in a chosen population-focused/community-based Practice Learning Environment (PLE) are required to be completed in this course.

***NUR-529: HEALTH POLICY (GRADUATE) (3 credits)**

Open only to Thomas Edison State University students enrolled in the BSN and the MSN degree programs and to nonenrolled RNs with a BSN degree, this course examines a comprehensive model of policymaking. Course emphasis is on the healthcare trends, forces and issues that shape health policy. Students, focusing on the core elements of health policy analysis, examine how politics, ethics, economics, and social and cultural variables influence policy development and impact healthcare outcomes. Students also explore the leadership role of nursing in policymaking.

NUR-420: INTEGRATING ADVANCED NURSING CONCEPTS (9 credits)

In this course, students integrate advanced nursing concepts and leadership principles to plan and implement care for clients with critical care needs. Contemporary issues related to professional nursing practice are analyzed for their impact on the client, nurse and the healthcare system. Assimilation into the professional nursing role is initiated with a final clinical transition experience designed to promote student independence and accountability through guidance and collaboration with nurse preceptors and

other health team members. This course is designed to be taken concurrently with NUR-428 and NUR-445.

Prerequisite: Completion of NUR-410, NUR-443 and NUR-529.

NUR-428: LEADERSHIP AND MANAGEMENT IN NURSING (3 credits)

This course focuses on the development of leadership and management skills needed by professional nurses. Theories and concepts essential to the role of the nurse as leader and manager in a variety of community and healthcare settings are explored.

NUR-445: VALIDATING NURSING COMPETENCE (3 credits)

In this course, students synthesize prior learning experiences acquired from clinical practice and academic studies. Using standards of professional practice as guidelines for competence, students validate their clinical skills in nursing practice. With the use of reflective learning, critical thinking, knowledge of best practice and transformative learning, students finalize their e-Portfolio, which provides evidence of their clinical competence as baccalaureate nurse generalists. NUR-445, a capstone course, is the final course in the BSN program.

EXAM PROGRAMS

www.tesu.edu/academics/catalog/Exam-Programs.cfm

Thomas Edison State University offers hundreds of examinations for evaluating prior college-level knowledge.

All of the examinations reflect content areas that are commonly covered in courses that are taught in college classrooms. When students earn credit by demonstrating their college-level knowledge and skills by scoring at a satisfactory level on examinations, they are proving that they have knowledge and skills equivalent to that of students who learn the material in the college classroom.

The University's own credit-by-exam program is called TECEP®.

The University also accepts credit from other credit-by-exam programs. Check the links below to learn more information.

In addition, the University serves as a test center for the University-Level Examination Program (CLEP), the Ohio University Examination Program and the New York University Proficiency Testing in Foreign Languages Program.

Under appropriate circumstances, credit will be recognized for examinations in programs no longer offered, such as the United States Armed Forces Institute (USAFI). In addition, the University serves as a testing center for students who are enrolled in independent study courses from other institutions.

Learn more about credit-by-exam options for Thomas Edison State University students:

- › TECEP® - Thomas Edison Credit-by-Examination Program
- › College-Level Examination Program (CLEP)
- › DSST Program (formerly DANTES)
- › New York University Foreign Language Proficiency Testing Program
- › College Board Advanced Placement Program (AP)
- › Defense Language Institute (DLI) Defense Language Proficiency Tests
- › Foreign Service Institute (FSI)

ABOUT TECEP® EXAMS

www.tesu.edu/academics/catalog/TECEP-Exams.cfm

This option is not approved for Financial Aid or Veterans' Benefits.

The Thomas Edison Credit-by-Examination Program (TECEP®) offers students the opportunity to earn college credit by taking exams rather than courses. TECEP® is a credit-by-exam program specifically designed to allow students to demonstrate the college-level knowledge they have gained through job experience, personal interests and activities, or independent study.

OVERVIEW

Each TECEP® exam is developed by subject matter specialists who teach college courses in the exam's subject area. Most contain multiple-choice questions and some include short-answer questions and essays. Along with each exam, the test developers create a test description, available on the University website, containing information to help students prepare for their TECEP®. All exams except one are worth 3 credits.

TECEP® exams are available to anyone who is interested, whether or not they are enrolled at Thomas Edison State University. Enrolled students can earn credit by passing any TECEP® exam, but should check to ensure that the exam will fulfill their degree requirements. Students who are enrolled elsewhere should check with their own institutions.

Flexibility is the major advantage of earning credit through testing. The University recognizes that students who choose this method begin with different levels of knowledge of the test subject and take different amounts of time to prepare. Therefore, students can study at their own pace and register for the exam when they are ready. Another significant advantage of testing is its inexpensive cost.

For comprehensive information about TECEP® exams and their test descriptions, and testing policies see the TECEP® section of the University website.

STUDENT PROFILE

TECEP® exams are recommended for highly independent learners who are comfortable studying in a nonstructured environment.

CLEP - COLLEGE-LEVEL EXAMINATION PROGRAM

www.tesu.edu/academics/catalog/CLEP-College-Level-Exam-Program.cfm

Please note that Thomas Edison State University awards credit for CLEP examinations, which have been reviewed and recommended for college credit by the American Council on Education (ACE) for specific exhibit dates.

Prior to registering for an examination, students are urged to refer to the current CLEP website to confirm that the examination they are interested in taking is still active and the number of credits being recommended for successful completion: www.collegeboard.com/clep.

Current college-level examinations in the College-Level Examination Program (CLEP) are administered at Thomas Edison State University in Trenton, N.J., once a month. Students may request the registration form from the Office of Test Administration at (609) 984-1181. Students who want to test at another location or want more detailed information on the examinations and study materials may contact:

CLEP
P.O. Box 6600
Princeton, NJ 08541-6600
(800) 257-9558
www.collegeboard.com/clep

Students who wish to have their score reports sent to Thomas Edison State University should provide the official college code, 2748, at the time of testing.

NOTE: The five general examinations test what is usually taught in the first year of college and sometimes duplicate other credit students have earned. Refer to the academic policy on duplication of credit for additional explanation. The minimum score required to earn credit is equivalent to a letter grade of C, and scores resulting in credit recommendations will be posted on a TESU transcript as credit with no letter grade.

EXAM	TESU EQUIVALENCY		CREDITS	EXPIRES ON
INTELLECTUAL AND PRACTICAL SKILLS				
English Composition				
College Composition (essay required)	ENC-101 ENC-102	English Composition I English Composition II	6	11/30/18
College Composition modular	ENC-101	English Composition I	3	11/30/18
Quantitative Literacy				
College Mathematics	MAT-102 MAT-103	General Math I General Math II	6	11/30/18
College Algebra	MAT-121	College Algebra	3	11/30/18
PreCalculus	MAT-129	PreCalculus	3	11/30/18
Calculus	MAT-231	Calculus I	4	11/30/18
Information Literacy				
Analyzing & Interpreting Literature *	LIT-291 LIT-292	Analysis & Interpretation of Literature AND Analysis & Interpretation of Literature II	6	11/30/18
CIVIC AND GLOBAL LEADERSHIP				
Diversity Intercultural Literacy				
Introductory Sociology	SOC-101	Introduction to Sociology	3	11/30/18
Civic Engagement				
American Government	POS-110	American Government	3	11/30/18
KNOWLEDGE OF HUMAN CULTURES				
Humanities				
American Literature *	LIT-205 LIT-206	American Literature I AND American Literature II	6	11/30/18
Analyzing and Interpreting Literature *	LIT-291 LIT-292	Analysis and Interpretation of Literature AND Analysis and Interpretation of Literature II	6	11/30/18
English Literature *	LIT-208 LIT-209	English Literature AND English Literature II	6	11/30/18
French Language	FRE-101 FRE-102 FRE-201	Beginning French I Beginning French II Intermediate French	6/9	11/30/18
German Language	GRM-101 GRM-102 GRM-201	Beginning German I Beginning German II Intermediate German	6/9	11/30/18
Humanities*	HUM-102 HUM-103	Intro to Humanities II: Drama, Poetry and Narrative AND Intro to Humanities III : Music	6	11/30/18
Spanish Language	SPA-101 SPA-102 SPA-201	Beginning Spanish I Beginning Spanish II Intermediate Spanish	6/9	11/30/18

* CLEP subject examination update. Thomas Edison State University has conducted an academic program review on this exam. Credit awarded for this exam will be considered TESU assessment credit, not TESU-CLEP credit, and will show on the official transcript under TESU assessment credit.

EXAM	TESU EQUIVALENCY		CREDITS	EXPIRES ON
Social Sciences				
American Government	POS-110	American Government	3	11/30/18
History of the United States I: Early Colonization to 1877	HIS-113	American History I	3	11/30/18
History of the United States II: 1865 to Present	HIS-114	American History II	3	11/30/18
Human Growth and Development	PSY-211	Developmental Psychology	3	11/30/18
Introduction to Educational Psychology	PSY-230	Introduction to Educational Psychology	3	11/30/18
Introductory of Psychology	PSY-101	Introduction to Psychology	3	11/30/18
Introductory Sociology	SOC-101	Introduction to Sociology	3	11/30/18
Principles of Macroeconomics	ECO-111	Macroeconomics	3	11/30/18
Principles of Microeconomics	ECO-112	Microeconomics	3	11/30/18
Social Sciences and History	SOS-101 SOS-102	Social Sciences and History I Social Sciences and History II	6	11/30/18
Western Civilization I: Ancient Near East to 1648	HIS-101	Western Civilization I	3	11/30/18
Western Civilization II: 1648 to Present	HIS-102	Western Civilization II	3	11/30/18
UNDERSTANDING THE PHYSICAL AND NATURAL WORLD				
Biology	BIO-111 BIO-112	General Biology I General Biology II	6	11/30/18
Chemistry	CHE-111 CHE-112	General Chemistry I General Chemistry II	6	11/30/18
Natural Sciences	NAS-101 NAS-102	Natural Sciences I Natural Sciences II	6	11/30/18
Business Administration				
Financial Accounting	ACC-101	Principles of Financial Accounting	3	11/30/18
Information Systems	COS-101	Introduction to Computers	3	11/30/18
Introductory Business Law	LAW-201	Business Law	3	11/30/18
Principles of Management	MAN-301	Principles of Management	3	11/30/18
Principles of Marketing	MAR-301	Principles of Marketing	3	11/30/18

DSST EXAMS (FORMERLY DANTES)

<http://www.tesu.edu/academics/catalog/DSST.cfm>

Please note that Thomas Edison State University awards credit for DSST examinations that have been reviewed and recommended for credit by the American Council on Education (ACE) for specific exhibit dates. Prior to registering for an examination, students are urged to refer to the current DSST website to confirm that the examination they are interested in taking is still active and the number of credits being recommended for successful completion: www.getcollegecredit.com.

Students who want more detailed information on the DSST program and study materials may contact:

Prometric
DSST Program
2000 Lenox Drive, 3rd floor
Lawrenceville, NJ 08648
Toll free (877) 471-9860
www.getcollegecredit.com

Students who wish to have their score reports sent to Thomas Edison State University should provide the official college code, 9001, at the time of testing. The minimum score required to earn credit is equivalent to a letter grade of C, and scores resulting in credit recommendations will be posted on a TESU transcript as credit with no letter grade.

EXAM	TESU EQUIVALENCY		CR	EXPIRES ON
INTELLECTUAL AND PRACTICAL SKILLS				
English Composition				
Principles of Advanced English Composition	ENC-102	English Composition II	3	10/31/19
Oral Communication				
Principles of Public Speaking	COM-209	Public Speaking	3	12/31/17
Quantitative Literacy				
Math for Liberal Arts	MAT-105	Liberal Arts Math	3	10/31/19
Principles of Statistics	STA-201	Principles of Statistics	3	3/31/17
Information Literacy				
Technical Writing	ENG-201	Technical Writing	3	3/31/17
Introduction to World Religions	REL-277	Introduction to World Religions	3	12/31/18
CIVIC AND GLOBAL LEADERSHIP				
Diversity Intercultural Literacy				
General Anthropology	ANT-101	Introduction to Anthropology	3	12/31/18
Human/Cultural Geography	GOG-120	Introduction to Human Geography	3	12/31/17
Ethical Leadership				
Business Ethics and Society	BUS-302	Business Ethics in Society	3	3/31/17
Ethics in America	PHI-287	Ethics in America	3	12/31/18
KNOWLEDGE OF HUMAN CULTURES				
Humanities				
Art of the Western World	ART-166	Art of the Western World	3	12/31/17
Business Ethics and Society	BUS-302	Business Ethics in Society	3	3/31/17
Ethics in America	PHI-287	Ethics in America	3	12/31/18
Fundamentals of Counseling	COU-262	Fundamentals of Counseling	3	3/31/17
Introduction to World Religions	REL-405	Introduction to World Religions	3	12/31/18
Technical Writing	ENG-201	Technical Writing	3	8/31/17
Social Sciences				
General Anthropology	ANT-101	Introduction to Anthropology	3	12/31/18
Introduction to Law Enforcement	AOJ-101	Introduction to Law Enforcement	3	12/31/17
Criminal Justice	AOJ-102	Introduction to Criminal Justice	6	3/31/17
Human/Cultural Geography	GOG-120	Introduction to Human Geography	3	12/31/17
The Civil War and Reconstruction	HIS-252	Civil War and Reconstruction	3	12/31/17

EXAM	TESU EQUIVALENCY		CREDITS	EXPIRES ON
Lifespan Development Psychology	PSY-211	Developmental Psychology	3	3/31/17
A History of the Vietnam War	HIS-351	A History of the Vietnam War	3	12/31/17
Organizational Behavior	PSY-361	Organizational Behavior	3	3/31/17
Substance Abuse	SOS-303	Substance Abuse	3	12/31/18
History of the Soviet Union	HIS-386	Rise and Fall of the Soviet Union	3	12/31/18

UNDERSTANDING THE PHYSICAL AND NATURAL WORLD

Astronomy	AST-101	Introduction to Astronomy	3	12/31/17
Introduction to Computing	COS-101	Introduction to Computers *conditional review pending*	3	12/31/18
Environment and Humanity: Race to Save the Planet	ENS-201	Environment and Humanity: Race to Save the Planet	3	3/31/17
Principles of Physical Science	NAS-131	Physical Science	3	12/31/17
Management Information Systems	CIS-301	Management Information Systems	3	12/31/18
Fundamentals of Cybersecurity	CIS-344	Computer Security	3	12/31/17
Fundamentals of College Algebra	MAT-115	Intermediate Algebra	3	3/31/17

BUSINESS ADMINISTRATION

Introduction to Business	BUS-101	Introduction to Business	3	12/31/18
Business Mathematics	BUS-161	Business Math	3	3/31/17
Business Ethics & Society	BUS-302	Business Ethics in Society	3	3/31/17
Personnel/Human Resources Management	MAN-331	Human Resources Management	3	3/31/17
Management Information Systems	CIS-301	Management Information Systems	3	12/31/18
Principles of Finance	FIN-301	Principles of Finance	3	3/31/17
Principles of Supervision	MAN-201	Principles of Supervision	3	12/31/18
Organizational Behavior	PSY-361	Organizational Behavior	3	3/31/17
Money and Banking	ECO-322	Money and Banking	3	12/31/18

FREE ELECTIVES

Foundations of Education	EDU-102	Foundations of Education	3	12/31/17
Health and Human Development	HEA-103	Health and Human Development (formerly Here's to Your Health)	3	12/31/18
Personal Finance	BUE-101	Personal Finance	3	12/31/18

NEW YORK UNIVERSITY PROFICIENCY TESTING
IN FOREIGN LANGUAGE

www.tesu.edu/academics/catalog/NYU-Foreign-Language-Proficiency.cfm

The following college-level examinations in the New York University Foreign Language Proficiency Testing program are administered at Thomas Edison State University in Trenton, N.J., on an as-requested basis. Each examination tests four basic areas: comprehension of the spoken language; the written language in composition; translation from English into the language; and translation from the language into English. Up to 16 hours of credit may be earned, depending on the level of performance. Students may request the registration form from the Office of Test Administration by emailing testing@tesu.edu ONLY if they will be taking the exam at Thomas Edison State University in Trenton, N.J..

Students may also test at New York University or make arrangements to test at other locations by calling (212) 998-7030.

Afrikaans	Japanese
Albanian	Korean
Arabic	Latin
Armenian	Lithuanian
Bengali	Malay
Bosnian	Mandarin (traditional and simplified characters)
Bulgarian	Norwegian
Cantonese	Persian
Catalan	Polish
Croatian	Portuguese (Brazilian)
Czech	Punjabi
Danish	Romanian
Dutch	Russian
Finnish	Serbian
French	Spanish
German	Swahili
Greek (modern)	Swedish
Gujarati	Tagalog
Haitian Creole	Thai
Hebrew	Turkish
Hindi	Ukrainian
Hungarian	Urdu
Ibo	Vietnamese
Icelandic	Yiddish
Indonesian	Yoruba
Irish	
Italian	

COLLEGE BOARD ADVANCED PLACEMENT
PROGRAM (AP)

www.tesu.edu/academics/catalog/AP-Tests.cfm

The College Entrance Examination Board administers the Advanced Placement Program (AP), a series of college-level examinations, to high school juniors and seniors. Thomas Edison State University will grant up to 6 credits per exam for AP examinations for which a score of 3 or better has been awarded. Students should request that official score reports for these examinations be sent to the Office of the Registrar by contacting the AP Program at:

Advanced Placement Program (AP)
P.O. Box 6671
Princeton, NJ 08541-6671
(609) 771-7300

DEFENSE LANGUAGE INSTITUTE (DLI) DEFENSE
LANGUAGE PROFICIENCY TESTS

www.tesu.edu/academics/catalog/Defense-Language-Institute-Tests.cfm

The Defense Language Institute (DLI) administers a series of Defense Language Proficiency Tests (DLPT), which support its extensive foreign language instruction programs for active duty military personnel. Persons who served in the military may present records of language proficiency as assessed by DLI. The examinations, which test listening, reading and speaking skills, are scored on the basis of the level of proficiency achieved in each of the three areas. A variable range of credits may be earned, depending on the combination of scores received. Students should request that transcripts be sent to the Office of the Registrar by contacting the DLI at:

Commandant, DLIFLG
Attn. Academic Records (transcripts)
Presidio of Monterey
Monterey, CA 93944-5006
(831) 242-5825
www.dliflc.edu

FOREIGN SERVICE INSTITUTE (FSI)

www.tesu.edu/academics/catalog/Foreign-Service-Institute.cfm

The Foreign Service Institute (FSI) administers a series of oral proficiency language assessment examinations to test the oral language proficiency of prospective U.S. Department of State employees who will be stationed abroad. Persons who have been employed by the U.S. government and have served in the foreign service often can present records of language proficiency as assessed by FSI. Although many languages are assessed by the FSI, only the Arabic, Chinese, French, Russian and Spanish examinations have been evaluated in terms of college credit recommendations.

For more information, visit www.state.gov/m/fsi.

TRANSFER CREDIT

www.tesu.edu/academics/catalog/Transfer-Credit.cfm

Thomas Edison State University will accept credit in transfer for courses completed at colleges and universities accredited by the six regional accrediting agencies recognized by the U.S. Department of Education. In addition, the University offers a host of ways to earn credit for knowledge obtained in noncollegiate settings.

EXAMPLES INCLUDE:

- Courses and examinations approved through the National College Credit Recommendation Service (National CCRS) and the American Council on Education (ACE) College Credit Recommendation Service. The limit of National CCRS and ACE credits from a single source is 90 credits for a bachelor's degree and 45 credits for an associate degree.
- Military service schools as recommended by the American Council on Education.
- Licenses, certifications and programs of study approved by the Thomas Edison State University Academic Council.
- Credit recommendations from a required course-by-course international credit evaluation completed by one of the following agencies: Academic Credentials Evaluation Institute, Inc. (ACEI); Center for Applied Research, Evaluations & Education, Inc.; Educational Credential Evaluators, Inc. (ECE); World Educational Services, Inc. (WES); SDR Educational Consultants; SpanTran Evaluation Services; and Transcript Research.
- Thomas Edison State University may accept in direct transfer college-level credits earned at institutions accredited by national accreditation associations that have developed formal articulation agreements with Thomas Edison State University. Articulation agreements are posted at www.tesu.edu/current-students/NJ-Articulation-Process.cfm as required by the Higher Education Opportunity Act of 2008.
- College-level skills and knowledge acquired outside the classroom or through courses from nonaccredited institutions or institutions not reviewed by one of the aforementioned organizations may be validated through a variety of methods or testing options and/or through the Center for the Assessment of Learning at Thomas Edison State University.

Thomas Edison State University is covered by, and will strive to adhere to, the tenants of the Comprehensive Statewide Transfer Agreement adopted by New Jersey President's Council on Sept. 22, 2008. Students who wish more specific information concerning the transfer of credit should contact the University at registrar@tesu.edu; Attention: Director of Transfer Evaluations.

If your credits were earned on a quarter system, the following conversion applies:

- 2 quarter hours = 1.33 semester hours
- 3 quarter hours = 2 semester hours
- 4 quarter hours = 2.66 semester hours
- 5 quarter hours = 3.33 semester hours

ARTICULATION AGREEMENTS

Thomas Edison State University has entered into articulation agreements with many colleges and universities. An articulation agreement is a formal agreement or partnership between Thomas Edison State University and another institution of higher education. These articulation agreements determine which courses will transfer for degree credit or fulfill Thomas Edison State University course equivalencies.

Details on the terms of any Thomas Edison State University's current or historical articulation agreements should be referred to the Office of the Registrar at registrar@tesu.edu.

Thomas Edison State University also participates in the New Jersey Statewide Transfer Agreement. This agreement provides a statewide transfer agreement process to determine the transferability of courses to participating New Jersey colleges and universities. Participating institutions are listed at www.njtransfer.org.

DEGREE COMPLETION OPTIONS THROUGH OTHER INSTITUTIONS

Several of Thomas Edison State University's degree programs require course work that must be completed through other institutions or prior learning assessment (PLA). Students should read the specific information for earning credit in their chosen area of study to determine how to fulfill the individual degree requirements.

While most students are encouraged to utilize Thomas Edison State University methods of earning credit, they may select distance learning or classroom-based courses from a number of other institutions. Such institutions must be regionally accredited, and the courses selected must satisfy Thomas Edison State University degree requirements. It is the student's responsibility to ensure that courses taken through other institutions meet his/her degree requirements at Thomas Edison State University.

Thomas Edison State University allows students to make use of a number of independent study and distance education courses that are offered by regionally accredited colleges and universities throughout the United States. Students may make arrangements with the University's Office of Test Administration to have their independent study and distance education course examinations proctored by Thomas Edison State University. Students also may attend regionally accredited colleges in their own communities, transferring credits they earn to their Thomas Edison State University degree program.

EARNING CREDIT FOR MILITARY TRAINING AND EDUCATION

www.tesu.edu/degree-completion/Military-Training.cfm

The University will grant credit for those military service schools that have been evaluated by the Office on Educational Credit and Credentials of the American Council on Education (ACE) as well as select military schools that have undergone institutional reviews in order to award additional credits not recommended by ACE.

Members of the armed forces currently on active duty should submit Joint Services Transcript (JST). Air Force members should submit an official transcript from the Community College of the Air Force (CCAF) to receive credit.

Since 1950, a separation report has been identified as DD Form 214. Prior to 1950, Army and Air Force veterans were issued a Separation Qualification Record; Navy and Coast Guard veterans were issued a Notice of Separation; Marine Corps veterans were issued a Report of Separation. A notarized photocopy of the original separation report should be submitted to the University. Students should not submit the original. Students unable to locate the original separation report can request a copy from The National Personnel Records Center, Military Personnel Records, 9700 Page Blvd., St. Louis, MO 63132, and forward it with the cover form from the National Personnel Records Center to the University. Members of the reserves or National Guard should contact their units for any necessary documentation.

In certain circumstances Thomas Edison State University will accept the certification of a commissioned officer in the United States armed forces in lieu of a notary public's signature. To submit documents certified by a commissioned officer, download the Commissioned Officer Notary Public form located on the Student Forms page.

FOR STUDENTS IN THE ARMY

Army personnel and veterans should request that a copy of their Joint Services Transcript (JST) be sent directly to the Office of the Registrar. Transcripts may be ordered electronically at <https://jst.doded.mil/>.

The JST program will provide a transcript for any service school, MOS or CLEP/DSST/ECE Examination listed that has been passed and carries American Council on Education (ACE) credit recommendations. The data can go back as far as 1976, but data older than 1994 may be missing or incomplete. The older the data, the greater the chance something could be missing. It is recommended that Army personnel review the JST online for accuracy prior to submission to the University for credit review.

Please visit www.tesu.edu/military/army/index.cfm for application and enrollment procedures.

FOR STUDENTS IN THE ARMY NATIONAL GUARD

Army National Guard personnel and veterans should request that a copy of their Joint Services Transcript (JST) be sent directly to the Office of the Registrar. Transcripts may be ordered electronically at <https://jst.doded.mil/>.

The JST program will provide a transcript for any service school, MOS or CLEP/DSST/ECE examination listed that has been passed and carries American Council on Education (ACE) credit recommendations. The data can go back as far as 1976, but data older than 1994 may be missing or incomplete. The older the data, the greater the chance something could be missing. It is recommended that Army personnel review the JST online for accuracy prior to submission to the University for credit review.

Please visit National Guard Application Guidelines for application procedures.

FOR STUDENTS IN THE NAVY

Navy personnel and veterans may request a copy of their Joint Service Transcript (JST) be sent directly to the Office of the Registrar. The JST can be requested at <https://jst.doded.mil/>.

The JST program will provide a transcript for any service school, rating, NEC or CLEP/DSST/ECE examination listed that has been passed and carries American Council on Education (ACE) credit recommendations. The data can go back as far as 1976, but data older than 1994 may be missing or incomplete. The older the data, the greater the chance something could be missing. It is recommended that Navy personnel review the JST online for accuracy prior to submission to the University for credit review.

For application and enrollment procedures, please visit www.tesu.edu/military/navy/index.cfm.

FOR STUDENTS IN THE MARINES

Marine personnel and veterans may request a copy of their Joint Service Transcript (JST) be sent directly to the Office of the Registrar. The JST can be requested at <https://jst.doded.mil/>.

The JST program will provide a transcript for any service school, rating, NEC or CLEP/DSST/ECE examination listed that has been passed and carries American Council on Education (ACE) credit recommendations. The data can go back as far as 1976, but data older than 1994 may be missing or incomplete. The older the data, the greater the chance something could be missing. It is recommended that Marines review the JST online for accuracy prior to submission to the University for credit review.

For application and enrollment procedures, please visit www.tesu.edu/military/marines/index.cfm.

FOR STUDENTS IN THE COAST GUARD

Coast Guard personnel and veterans may request a copy of their Joint Service Transcript (JST) be sent directly to the Office of the Registrar. The JST can be requested at <https://jst.doded.mil/>.

The JST program will provide a transcript for any service school, rating, NEC or CLEP/DSST/ECE examination listed that has been passed and carries American Council on Education (ACE) credit recommendations. The data can go back as far as 1976, but data older than 1994 may be missing or incomplete. The older the data, the greater the chance something could be missing. It is recommended that Coast Guard personnel review the JST online for accuracy prior to submission to the University for credit review.

For application and enrollment procedures, please visit: www.tesu.edu/military/coast-guard/index.cfm.

SERVICEMEMBERS OPPORTUNITY COLLEGES

Thomas Edison State University is a long standing member of the Servicemembers Opportunity Colleges (SOC). More than 1,900 colleges and universities hold membership in SOC, an organization that actively promotes articulation between members to assure service members and their families transferability of credits between institutions.

Thomas Edison State University is also one of approximately 160 member institutions that comprise the SOC network. The SOC network works closely with the military to map military training to degree programs through a SOC agreement.

Even though service members and their families may be stationed in several locations during their military career, they are assured their credits will transfer to other SOC colleges enabling them to complete degrees from regionally accredited colleges and universities, including Thomas Edison State University.

When service members and their families from the Army, Navy, Marines, National Guard or Coast Guard apply to Thomas Edison State University, the University provides to both the student and to SOC an agreement form and a copy of the Academic Evaluation, which shows the credits applied toward the degree and the credits needed to complete the degree. All applicants and enrolled service members and their families have access to the advisement staff through telephone, email, letters and individual appointments.

Army Education Offices, Navy College Offices as well as Coast Guard and Marine Education Service Offices have the SOC publications, which list the 1,300 member colleges and the degree programs included in their network. All Thomas Edison State University degree programs are available to all service members and their families, in addition to those listed in the SOC publications.

It is noted that the Air Force is not part of SOC because the Air Force has established the Community College of the Air Force (CCAF), which has received regional accreditation by North Central Association. Transcripts from CCAF are accepted by Thomas Edison State University.

To learn more, visit, www.soc.aascu.org.

Learn more about our programs for members of the United States military.

EARNING CREDIT FOR PROFESSIONAL TRAINING

www.tesu.edu/degree-completion/Professional-Training-Programs.cfm

Thomas Edison State University can help students finish a degree faster by awarding college credit for professional training programs they have completed through their profession.

Students may be able to earn credit for professional licenses and certifications; apprenticeships and courses taken at the workplace; through corporations, government agencies, professional associations or unions; or through specialized training programs that have been evaluated for college credit by the University's Office for Assessment of Professional and Workplace Learning or an institutional member of the Consortium for the Assessment of College Equivalency (CACE). The University also accepts credits for reviews completed by the National College Credit Recommendation Service (National CCRS) of the Board of Regents of the University of the State of New York, or by the American Council on Education's College Credit Recommendation Service (CREDIT) program.

The University is also a member of the Registered Apprenticeship College Consortium (RACC) that gives an opportunity for students who have completed a registered apprenticeship from one of the member programs to transfer assessed program credits. Students can access a list of participating registered apprenticeship programs as well as learn more about the RACC at www.doleta.gov/oa/racc.cfm.

At Thomas Edison State University, students may apply these credits to any part of a degree program, including the area of study, as long as they are appropriate and do not exceed the limitation of transferable credits from any one source, and provided they successfully complete courses and submit appropriate documentation.

For licenses or certificates, this documentation is frequently a notarized copy of the license or certificate and a current renewal card where appropriate. Additional documentation may be required. For Thomas Edison State University-assessed credentials, complete and submit the University's Cover Sheet for Student Submission of TESU-Assessed Credentials with your documentation.

Access this cover sheet at: www.tesu.edu/current-students/documents/Student_Form_Notarized_APR.pdf.

OFFICE FOR ASSESSMENT OF PROFESSIONAL AND WORKPLACE LEARNING

The mission of the Office for Assessment of Professional and Workplace Learning (OAPWL) is to expand access to higher education to adult learners by creating a pathway from workplace and other noncollege training to a college education. OAPWL assesses prior learning on a programmatic rather than individual basis, evaluating courses, licenses, certifications, apprenticeships and exams offered by corporations, government agencies, labor unions and professional associations to determine college-level learning and awards credit for the college-level learning acquired through the completion of those programs.

Those interested in using their Thomas Edison State University-assessed training for college credit by enrolling in Thomas Edison State University should request the organization, where they took the training, to send their records to:

Office of the Registrar
Thomas Edison State University
111 W. State St.
Trenton, NJ 08608

Students who wish to create a transcript of their training that has been evaluated for college credit for use with an employer or elsewhere, should submit a Non-degree Services Application for Individual Learning Account or by contacting the Office of Admissions at (888) 442-8372 or admissions@tesu.edu.

The application should be submitted to the Office of the Registrar, at the address listed above.

To contact the Office for Assessment of Professional and Workplace Learning, call (609) 633-6271, ext. 3235, or email the Office at apr@tesu.edu.

View a list of reviews conducted by Thomas Edison State University.

AMERICAN COUNCIL ON EDUCATION (ACE) AND NATIONAL COLLEGE CREDIT RECOMMENDATION SERVICE (NCCRS)

Thomas Edison State University accepts the credit recommendations of the American Council on Education (ACE) CREDIT and the National College Credit Recommendation Service (National CCRS). The list of programs, licenses and certifications reviewed by these services are constantly being updated.

ACE credit recommendations are published online at www2.acenet.edu/credit/?fuseaction=browse.main.

National CCRS credit recommendations are published online at www.nationalccrs.org/ccr/home.html.

Please refer to the ACE National Guide to College Credit for Workforce Training. The University will also accept ACE recommendations for military training and experience as published in its online Guide to the Evaluation of Educational Experience in the Armed Services.

The limit of ACE and National CCRS credits from a single source is 90 credits for a bachelor's degree and 45 credits for an associate degree.

To be awarded college credit for ACE credit recommendations and create an ACE transcript to be sent to a college, students must first establish a record of their courses or exams with the American Council on Education in Washington, D.C. Students can contact ACE at:

American Council on Education
College Credit Recommendation Service (CREDIT)
One Dupont Circle, NW
Washington, DC 20036-1193
(866) 205-6267
(202) 939-9434
(202) 939-9470
credit@ace.nche.edu.

Students may access the ACE online Transcript System.

To use ACE credit recommendations at Thomas Edison State University for enrollment, students should have ACE transcript sent to:

Office of the Registrar
Thomas Edison State University
111 W. State St.
Trenton, NJ 08608

Students may also use ACE transcript to create a Thomas Edison State University transcript for use at another college by submitting a Non-degree Services Application for Individual Learning Account or by contacting the Office of Admissions at (888) 442-8372 or admissions@tesu.edu.

The application should then be submitted to the Office of the Registrar, at the address listed above.

Similar evaluations are conducted by the Board of Regents of the University of the State of New York under the National College Credit Recommendation Service (CCRS). These credit recommendations and descriptions are published online at www.nationalccrs.org. To contact the National CCRS program office:

National College Credit Recommendation Service
University of the State of New York
Education Building Addition
89 Washington Avenue, 1069 EBA
Albany, NY 12234
(518) 486-2070
nccrs@mail.nysed.gov

TEXTBOOKS AND COURSE MATERIALS

www.tesu.edu/academics/catalog/Course-Materials.cfm

Students are responsible for acquiring all the textbooks and materials required for the courses they choose. The cost for course materials is not included in tuition and registration fees. Students will arrange payment directly with the textbook provider and may select any textbook provider that offers the books and materials they need for a particular course.

Many students choose to use MBS Direct for their course materials. If students choose to use MBS Direct, they may order textbooks (new and used) and materials by telephone, online by mailing the order form, which is accessible via the Students Forms page on the University website.

Students may also find used textbooks through the Textbook Swap located in myEdison®, which is a forum designed to help students swap or sell textbooks for Thomas Edison State University courses and exams.

Whatever method students choose, they will need to supply the course codes of the Thomas Edison State University courses for which they have registered.

For a preview of what is required in a course, students may go to Course Offerings at www.tesu.edu/courses, select the course in which they are interested and choose Preview the Online Syllabus option.

Another way to learn what materials are required before students order is by going to the MBS Direct website. MBS Direct maintains a section on its website devoted to Thomas Edison State University. Students can see at a glance what materials are required for the courses they are taking, and they can calculate the cost. This information is also available through the MBS Direct call center at (800) 325-3252.

COURSE MANUALS

In online and Guided Study courses, the syllabus, handbook and specific course information are available when students logon to the course for which they are registered. Students will receive a password and username for courses with their registration confirmation. The e-Pack® courses do not require a course manual.

TEXTBOOKS

Most courses, except prior learning assessment (PLA), require textbooks.

STUDY GUIDES

Some courses may require a study guide.

MEDIA COMPONENTS

Some of the University's courses require the use of media in addition to other materials. Please contact MBS Direct to see which media components are necessary.

COMPUTER SOFTWARE

A few of the University's courses require the use of computer software.

Contact information for MBS Direct:

- > MBS Direct telephone orders are taken through its call center at: (800) 325-3252.
- > MBS Direct web orders are taken at: www.mbsdirect.net or by visiting bookstore.mbsdirect.net/vbn/tesu.htm.

Prior learning assessment (PLA) students do not need to purchase course materials or textbooks from MBS Direct. However, the course mentor may suggest readings and additional materials to support a student's electronic portfolio.

section 2

Degree Programs and Certificates

www.tesu.edu/academics/catalog/Degree-Programs-and-Certificates.cfm

The Degree Programs and Certificates section of this *Catalog* contains information on all degree programs and certificates offered by Thomas Edison State University. The section is organized into the following main categories:

UNDERGRADUATE DEGREES (ASSOCIATE AND BACHELOR'S)

Most associate degree programs are 60 credits; most bachelor's degree programs are 120 credits.

UNDERGRADUATE CERTIFICATES

Most undergraduate certificates are 18 credits; all certificates can be leveraged into degree programs offered at the University.

WHAT YOU CAN STUDY (AREA OF STUDY INDEX)

This is an index of all degree and certificate programs offered by the University.

DIFFERENT BY DESIGN

This chart lists all undergraduate and graduate programs based on how students can complete them, including programs that can be completed using only courses and exams offered by the University and those that require students to take courses at other regionally accredited institutions.

UNDERGRADUATE DEGREES

www.tesu.edu/academics/Undergrad-Degrees.cfm

ASSOCIATE DEGREE PROGRAMS

60 credits are needed to earn an associate degree. Most undergraduate certificates are 18 credits and those credits may be applied toward an associate degree at the University.

- > Associate in Applied Science
- > Associate in Arts
- > Associate in Arts in Human Services
- > Associate in Science in Applied Science and Technology
- > Associate in Science in Business Administration
- > Associate in Science in Natural Sciences and Mathematics
- > Associate of Science

BACHELOR'S DEGREE PROGRAMS

120 credits are needed to earn a bachelor's degree. Most undergraduate certificates are 18 credits and those credits may be applied toward a bachelor's degree at the University.

- > Bachelor of Arts
- > Bachelor of Science (Learner-Designed Area of Study)
- > Bachelor of Science (Data Science and Analytics)
- > Bachelor of Science (Homeland Security and Emergency Preparedness)
- > Bachelor of Science in Applied Science and Technology
- > Bachelor of Science in Business Administration
- > Bachelor of Science in Cybersecurity
- > Bachelor of Science in Health Information Management
- > Bachelor of Science in Health Sciences
- > Bachelor of Science in Human Services
- > Bachelor of Science in Medical Imaging Sciences
- > Bachelor of Science in Nutrition and Dietetics
- > Bachelor of Science in Nursing (RN to BSN/MSN)
- > Bachelor of Science in Nursing (Accelerated 2nd Degree BSN)
- > Bachelor of Science in Organizational Leadership
- > Bachelor of Science in Professional Studies

ASSOCIATE IN APPLIED SCIENCE

	Credits
I. General Education Requirements	27-28
A. Intellectual and Practical Skills	12
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
B. Civic and Global Learning	6
• Diversity	3
• Ethics	3
C. Knowledge of Human Cultures	6
D. Understanding the Physical and Natural World	3-4
II. Option	21
III. Electives	11-12
Total	60 credits

Degree Requirements

The Associate in Applied Science (AAS) degree requires 60 credits: 27-28 credits in the general education requirement, 21 credits in the option and 11-12 credits in electives. There are few specific requirements to allow maximum flexibility.

The option includes 21 credits of courses within the option area selected. There are many career tracks available within each broad option area. New career tracks are developed as needed. Since this is usually a field in which the student is employed, students will usually come in with all or most of the credits in their option completed. Since students have a number of different subspecialties, there are no specific requirements within the option: the 21 credits must form a coherent set of courses covering the field.

The elective category can be satisfied by almost any college credits. Both liberal arts and other college credits apply. Academic policies should be reviewed for limitations on credits.

How Students Earn Credit in the Associate in Applied Science

Students usually enter with many of the credits in the career track completed, but not always, from military or civilian training. If the option has not already been completed, students may often use prior learning assessment (PLA) to gain college credit for their knowledge. While there are some examinations in computers and electronics, there are some distance learning opportunities in most of the AAS career tracks. Credits in general education and electives may be earned by a wide variety of methods.

Students may earn this degree in one of the following areas of study:

- > Administrative Studies
- > Applied Computer Studies
- > Applied Electronic Studies
- > Applied Health Studies
- > Aviation Support
- > Construction and Facilities Support
- > Criminal Justice
- > Dental Hygiene*
- > Electrical-Mechanical Systems and Maintenance
- > Environmental, Safety and Security Technologies
- > Mechanics and Maintenance
- > Military Technology Leadership**
- > Multidisciplinary Technology
- > Polysomnography (CAAHEP Accredited)

**Offered in conjunction with the Rutgers University School of Health Professions.*

***Option is only available to current military personnel and veterans of the armed forces.*

Students may earn an Associate of Science in Applied Science and Technology degree in one of the following areas of study:

ASSOCIATE IN APPLIED SCIENCE

ADMINISTRATIVE STUDIES

		Credits 27-28
I. General Education Requirements		
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option		21
Administrative Studies	18	
Associate Capstone	3	
III. Electives		11-12
Total		60 credits

ASSOCIATE IN APPLIED SCIENCE

APPLIED COMPUTER STUDIES

		Credits 27-28
I. General Education Requirements		
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option		21
Applied Computer Studies	18	
Associate Capstone	3	
III. Electives		11-12
Total		60 credits

ASSOCIATE IN APPLIED SCIENCE

APPLIED ELECTRONIC STUDIES

		Credits 27-28
I. General Education Requirements		
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option		21
Applied Electronic Studies	18	
Associate Capstone	3	
III. Electives		11-12
Total		60 credits

ASSOCIATE IN APPLIED SCIENCE

APPLIED HEALTH STUDIES

		Credits 27-28
I. General Education Requirements		
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option		21
Applied Health Studies	18	
Associate Capstone	3	
III. Electives		11-12
Total		60 credits

ASSOCIATE IN APPLIED SCIENCE

AVIATION SUPPORT

	Credits
I. General Education Requirements	27-28
A. Intellectual and Practical Skills	12
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
B. Civic and Global Learning	6
• Diversity	3
• Ethics	3
C. Knowledge of Human Cultures	6
D. Understanding the Physical and Natural World	3-4
II. Option	21
Aviation Support	18
Associate Capstone	3
III. Electives	11-12
Total	60 credits

ASSOCIATE IN APPLIED SCIENCE

CONSTRUCTION AND FACILITIES SUPPORT

	Credits
I. General Education Requirements	27-28
A. Intellectual and Practical Skills	12
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
B. Civic and Global Learning	6
• Diversity	3
• Ethics	3
C. Knowledge of Human Cultures	6
D. Understanding the Physical and Natural World	3-4
II. Option	21
Construction and Facilities Support	18
Associate Capstone	3
III. Electives	11-12
Total	60 credits

ASSOCIATE IN APPLIED SCIENCE

CRIMINAL JUSTICE

The Associate in Applied Science (AAS) degree program's Criminal Justice track is designed to meet the needs of mid-career adults in a wide range of law enforcement, corrections, security and emergency response fields

	Credits
I. General Education Requirements	27
A. Intellectual and Practical Skills	12
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
B. Civic and Global Learning	6
• Diversity	3
• Ethics	3
C. Knowledge of Human Cultures	6
D. Understanding the Physical and Natural World	3
II. Area of Study: Criminal Justice or Administration of Justice Studies	21
Constitutional Issues	
Juvenile Delinquency	
Criminology	
Cultural Diversity in the U.S.	
White Collar Crime	
Victimology and Criminal Behavior	
III. Electives	12
Total	60 credits

ASSOCIATE IN APPLIED SCIENCE

DENTAL HYGIENE

This is a joint program offered with the Rutgers School of Health Professions.

For complete credit information, please visit
<http://shp.rutgers.edu/dept/alliedental/dh/index.html>.

ASSOCIATE IN APPLIED SCIENCE

ELECTRICAL-MECHANICAL SYSTEMS AND MAINTENANCE

	Credits	
I. General Education Requirements	27-28	
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option	21	
Electrical-Mechanical Systems and Maintenance	18	
Associate Capstone	3	
III. Electives	11-12	
Total	60 credits	

ASSOCIATE IN APPLIED SCIENCE

ENVIRONMENTAL, SAFETY AND SECURITY TECHNOLOGIES

	Credits	
I. General Education Requirements	27-28	
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option	21	
Environmental, Safety and Security Technologies	18	
Associate Capstone	3	
III. Electives	11-12	
Total	60 credits	

ASSOCIATE IN APPLIED SCIENCE

MECHANICS AND MAINTENANCE

	Credits	
I. General Education Requirements	27-28	
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option	21	
Mechanics and Maintenance	18	
Associate Capstone	3	
III. Electives	11-12	
Total	60 credits	

ASSOCIATE IN APPLIED SCIENCE

MILITARY TECHNOLOGY LEADERSHIP*

	Credits	
I. General Education Requirements	27-28	
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option	21	
Military Technology Leadership	18	
Associate Capstone	3	
III. Electives	11-12	
Total	60 credits	

*For active-duty military and veterans only.

ASSOCIATE IN APPLIED SCIENCE

MULTIDISCIPLINARY TECHNOLOGY

	Credits	
I. General Education Requirements	27-28	
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option	21	
Multidisciplinary Technology	18	
Associate Capstone	3	
III. Electives	11-12	
Total	60 credits	

ASSOCIATE IN APPLIED SCIENCE

POLYSOMNOGRAPHY

	Credits	
I. General Education Requirements	27-28	
A. Intellectual and Practical Skills	12	
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
B. Civic and Global Learning	6	
• Diversity	3	
• Ethics	3	
C. Knowledge of Human Cultures	6	
D. Understanding the Physical and Natural World	3-4	
II. Option	34	
Anatomy and Physiology I with lab (BIO-211)	4	
Anatomy and Physiology II with lab (BIO-212)	4	
Theoretical Fundamentals of Polysomnography (PSG-101)	3	
PSG Instrumentation Theory (PSG-102)	3	
Clinical Fundamentals of PSG (PSG-200)	6	
Therapeutic Interventions and Clinical Patient Management (PSG-105)*	4	
PSG Scoring (PSG-103)	3	
Sleep Disorders (PSG-104)	3	
Medical Terminology (APS-100)	1	
PSG Capstone** (PSG-295)		
{Include exam and project}	3	
Total	61 credits	

Degree Requirements

College Algebra or Above	3 credits
Intro to Psychology or Intro to Sociology	3 credits

*Clinical courses conducted at contracted sleep centers in accordance with performance checklists and results monitored by mentors.

**Capstone course needs to be developed with inclusion of practice exam and project, similar to APS-295.

Candidates for the AAS in Polysomnography and Certificate in Polysomnography are required to complete two clinical experiences in addition to online courses. Candidates with Board of Registered Polysomnographic Technologist (RPSGT) are not required to complete clinical courses since they are granted based on RPSGT credentials. The University has partnerships in place with the following accredited clinical sites.

- Central New Jersey - The Center for Sleep Medicine at Capital Health, Hamilton, NJ
- Eastern Virginia - Eastern Virginia Medical School Norfolk, VA
- Long Island New York - St. Charles Sleep Disorders Center, Port Jefferson, NY

continued on next page

Candidates outside of these listed geographic areas will be required to arrange their accredited PSG clinical experience site near their home. If clinical site cannot be located learners will not be able to complete the program.

Important Course Information

Students should work closely with their Academic Advisor before registering for any courses.

PSG-101: Theoretical Fundamentals of Polysomnography

- No prerequisite other than interest in Polysomnography
- Course could be an elective for other allied health programs

PSG-102: PSG Instrumentation Theory

- Required completion or enrolled in PSG-101

PSG-200: Clinical Fundamentals of PSG

(only offered in the Fall Semester)

- Required completion of PSG-101 or equivalent experience in Polysomnography
- Requires prearrangement of accredited clinical site that has contracted with TESU of clinical phase prior to registering
- Additional laboratory fee charged for this course
- Required completion of background check, CPR training, and physical examination prior to registration paid by learner through College contract vendor, American DataBank

PSG-103: PSG Scoring

- Required completion of PSG-200 or experience as a Registered Polysomnography Technologist

PSG-104: Sleep Disorders

- No prerequisite other than interest in Polysomnography
- Course could be an elective for other allied health programs

PSG-105: Therapeutic Interventions and Clinical Patient Management (only offered in the Spring Semester)

- Required completion of PSG-200
- Additional laboratory fee charged for this course
- Required completion of background check, same as PSG-105

Notes: Non-Registered Polysomnography Technologist required completing clinical courses of PSG-200: Clinical Fundamentals of PSG and PSG-105: Therapeutic Interventions & Clinical Patient Management MUST arrange for local clinical phase site on enrollment. Clinical sites MUST be accredited and willing to contract with Thomas Edison State University to ensure clinical experiences achieve program requirement as indicated by CAAHEP. Learner will pay an additional laboratory fee for PSG-200: Clinical Fundamentals of PSG and PSG-105: Therapeutic Interventions & Clinical Patient Management. Example: The Sleep Center at Capital Health in Hamilton, New Jersey is an approved clinical site with laboratory fees of \$960 for (PSG-200) Clinical Fundamentals of PSG and \$640 for PSG-105: Therapeutic Interventions & Clinical Patient Management.

ASSOCIATE IN ARTS

The Associate in Arts (AA) degree is a broad degree emphasizing general education. Students may satisfy many basic requirements traditionally associated with freshman and sophomore years enabling them to a smooth transition into a bachelor's degree program.

	Credits
I. General Education Requirements	40-42
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	12
D. Understanding the Physical and Natural World	4-6
E. Electives	18-20
Total	60 credits

Degree Requirements

The Associate in Arts degree requires 60 credits: 60 credits in general education distribution.

How Students Earn Credit in the Associate in Arts Degree

All courses in this degree may be completed with Thomas Edison State University courses and/or courses from other colleges. Prior learning assessment (PLA) and/or examinations also may be used.

Note: Many courses may be appropriate for this degree. Students should work closely with the Academic Advising to select the appropriate courses for degree completion.

ASSOCIATE IN ARTS IN HUMAN SERVICES

The Associate in Arts in Human Services (AAHS) degree is designed for adults working in the human services area. To be admitted to the program and to complete the Capstone course, students must have current work experience in the field of human services. Students must have a minimum of six months/800 hours of current work experience. Students must submit a current resume at the time of application. The degree is designed to provide seamless transfer to the Bachelor of Science in Human Services degree.

	Credits
I. General Education Requirements	42
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Cultural Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	12
• Introduction to Sociology (SOC-101)	3
• Introduction to Psychology (PSY-101)	3
F. Understanding the Physical and Natural World	6
II. Area of Study	15
Theoretical Foundation Course*	6
Intervention Course*	3
Client Population Course*	3
Capstone Course (HUS-295)	3
III. Electives	3
Total	60 credits

**Theoretical Foundation courses include those pertaining to theory, knowledge and skills of the human services profession. Intervention courses include those which emphasize theory and knowledge bases for interventions and criteria for selection of appropriate interventions. Client Population courses include those which emphasize the range of populations served and needs addressed by human services professionals.*

Required Courses

The Associate in Arts in Human Services degree requires 60 credits: 6 credits in Theoretical Foundation*, 3 credits in Intervention*, 3 credits in Client Populations*, a 3-credit Capstone course.

Degree Requirements

Cultural Diversity	3 credits
Intro to Psychology	3 credits
Intro to Sociology	3 credits

Learning Outcomes

Graduates of the Associate in Arts in Human Services degree will have the ability to:

- > define key concepts in the area of study;
- > identify theories of professional practice;
- > explain the specific skills, techniques and agencies necessary to serve client populations; and
- > explain cultural diversity as it relates to the field of human services.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

The Associate in Science in Applied Science and Technology (ASAST) degree is intended to meet the educational and professional needs of midcareer adults in a wide range of applied science and technology fields. The student selects the option that matches his/her expertise. For most students this reflects their occupation. It is recommended for certain health-related and aviation-related options that students acquire a professional certification, as listed under the option.

	Credits
I. General Education Requirements	38
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	6
D. Understanding the Physical and Natural World	8
II. Area of Study	21
III. Electives	1
Total	60 credits

Degree Requirements

The Associate in Science in Applied Science and Technology degree requires 60 credits: 38 credits in general education and 21 credits in the area of study and electives.

How Students Earn Credit in the Associate in Science in Applied Science and Technology Degree

If the option has not already been completed by military training, professional licenses or transferred credits, students may often use prior learning assessment (PLA) to gain college credit for their knowledge. There are some distance learning opportunities in most of the ASAST option areas. Credits in general education and electives may be earned by a wide variety of methods.

General Education Requirements

The 38-credit requirement in general education provides students with a broad background in humanities, social sciences and natural sciences/mathematics, and provides students with a foundation for the Applied Science and Technology option.

Area of Study

The area of study requirement includes courses within the subject selected. These credits will include both required courses and professional electives. Since this is usually a field in which the student is employed, it is often possible for the student to earn these credits by prior learning assessment (PLA), if he/she has not already completed appropriate course work in that area. The required courses and corollary requirements are subject to change.

Electives

The elective category can be satisfied by almost any college credits. Academic policies should be reviewed for limitations on credits.

Additional Degree Requirements

Professional Certification: *It is recommended for certain health-related and aviation-related options that students acquire a professional certification, as listed under the option.*

Demonstration of Currency: Because of the rapid changes occurring in technical fields today, it is important for today's college graduates to maintain up-to-date knowledge in their field. Demonstration of Currency (DOC) is the process that enables students to show that they have remained current and thus enables them to use the older credits toward their degree options. If more than half of the credits in a student's option are more than 10 years old at the time of application to the College, Demonstration of Currency will be required in these courses. Demonstration of Currency for these subjects may be validated through enhancement training records or an oral conference with a mentor covering contemporary developments in these subjects. These courses will not be applied toward the option until currency has been demonstrated. Students required to demonstrate currency will be informed when their transfer credits are evaluated. A complete explanation of this process will be provided at that time.

Students may earn an Associate in Science in Applied Science and Technology degree in one of the following areas of study:

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AIR TRAFFIC CONTROL

	Credits
II. Area of Study	21
A. Aerodynamics	3
B. Meteorology	3
C. Air Traffic Control	3
• Airport Traffic Control	
• Enroute Traffic Control	
D. Air Traffic Control Electives	9
• Air Navigation Aids	
• Airport Traffic Control	
• Communication Procedures	
• Enroute Traffic Control	
• Facilities Operations and Maintenance	
• Flight Assistance Service	
• Navigation	
• Radar Fundamentals	
E. Associate Capstone	3
III. Electives	1
Degree Requirements:	
College Algebra	3
Physics I with Lab	4
Physics II with Lab	4
<p>> <i>Certification:</i> FAA certificate as an Air Traffic Control Specialist.</p> <p>> <i>How Students Earn Credit in the Option:</i> Students' options are completed by the FAA license.</p>	

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AVIATION FLIGHT TECHNOLOGY

	Credits
II. Area of Study	21
A. Private Pilot Ground	3
B. Commercial Pilot Ground	6
C. Commercial Pilot Flight	6
D. Aviation Flight Technology Electives	3
• Private Pilot Flight	
• Instrument Pilot Ground	
• Aviation Meteorology	
• Aircraft Components	
• Avionics	
• Navigation	
• Airplane Transport Pilot	
• Multi-engine Rating	
• Flight Instructor	
• Flight Instrument Instructor	
• Multi-engine Instrument Instructor	
E. Associate Capstone	3
III. Electives	1
Degree Requirements:	
College Algebra	3
Physics I with Lab	4
Physics II with Lab I	4
<p>> <i>Certification:</i> FAA certificate as a Commercial Pilot with Instrument Rating. Equivalent military training may be considered.</p> <p>> <i>How Students Earn Credit in the Option:</i> Students' options are completed by the FAA licenses.</p>	

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AVIATION MAINTENANCE TECHNOLOGY

	Credits
II. Area of Study	21
A. Theoretical Courses	6
<ul style="list-style-type: none"> Aerodynamics Aircraft Electrical Electrical Circuits (ELE-211 or ELE-212) Statics (EGM-211) Strength of Materials Fluid Mechanics Thermodynamics Materials Science 	
B. Aviation Maintenance Electives	12
<ul style="list-style-type: none"> Power Plants, Gas Turbines Power Plants Piston Airframe Systems Basic Airframe Systems Advanced Instrumentation and Avionics Metallic Structures Nonmetallic Structures Powerplant Accessories Propellers and Trouble Analysis Aircraft Structures Communication Electronics Flight Line Maintenance Hydraulics and Pneumatics or Fluid Pneumatics 	
C. Associate Capstone	3
III. Electives	1
Degree Requirements:	
College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *Certification:* FAA certificate as an Airframe and Powerplant Mechanic. Equivalent military training may be considered.
- > *How Students Earn Credit in the Option:* Students' options are completed by the FAA licenses.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

BIOMEDICAL ELECTRONICS

	Credits
II. Area of Study	21
A. DC Circuits	3
B. AC Circuits	3
C. Electronic Devices	3
<ul style="list-style-type: none"> Semiconductor Devices Solid State Electronics 	
D. Digital Electronics	3
<ul style="list-style-type: none"> Microprocessors Digital Logic 	
E. Biomedical Instrumentation	3
<ul style="list-style-type: none"> Medical Instrumentations Physiological Equipment X-Ray Equipment Biomedical Electronics Internship (up to 3 credits) 	
F. Anatomy and Physiology	3
G. Associate Capstone	3
III. Electives	1
Degree Requirements:	
College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *How Students Earn Credit in the Option:* Students whose options are not complete at the time of enrollment either use prior learning assessment (PLA) or classroom work to complete their options.
- > Biomedical electronics courses are transferred since they are not available at the University.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

CLINICAL LABORATORY SCIENCE

	Credits
II. Area of Study	21
A. Microbiology	3
• Pathogenic Bacteriology	
B. Hematology	3
C. Immunohematology	3
• Blood Banking	
D. Clinical Chemistry	3
E. Clinical Practicum	3
F. Clinical Laboratory Electives	3
• Parasitology	
• Mycology	
• Clinical Instrumentation	
• Immunology	
• Cytology	
• Histotechnology	
G. Associate Capstone	3
III. Electives	1
Degree Requirements:	
College Algebra	3
Chemistry I with Lab	4
Chemistry II with Lab	4

- > *Certification:* ASCP or AMT: MLT or MT or NCA: CLS or CLT copy of original certificate and current renewal card.
- > *How Students Earn Credit in the Option:* Students whose medical laboratory technology training was not completed in a college credit setting should have no difficulty earning credits by prior learning assessment (PLA) for their options, assuming current or recent employment using a variety of laboratory methods.
- > Clinical courses are transferred since not available at the College.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

COMPUTER AND INFORMATION TECHNOLOGY

	Credits
II. Area of Study	21
A. Fundamentals of Information Technology	3
B. Network Technology	3
C. C++ Programming	3
D. Data Structures	3
E. Operating Systems	3
F. Computer Information and Technology Electives	3
G. Associate Capstone	3
III. Electives	1
Degree Requirements:	
College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *How Students Earn Credit in the Option:* All of the courses required for the option are available by Online Guided Study courses.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

ELECTRICAL TECHNOLOGY

	Credits
II. Area of Study	21
A. DC Circuits (ELE-211)	3
B. AC Circuits (ELE-212)	3
C. Digital Electronics (ELD-201)	3
D. Electronic Devices	3
• Solid State Theory	
• Basic Electronics	
• Semiconductor Devices	
E. AC/DC Machines	3
• Electric Motors and Machines	
• Motors and Generators	
• Machinery and Transformers	
F. Electrical Motor Controls	3
• Industrial Electronics	
• Electrical Power Distribution	
• Electric Power Generation	
• Electronic Instrumentation	
• Microprocessors	
• Electric Codes and Blueprint Reading	
• Programmable Logic Controllers (CTR-212)	
G. Associate Capstone	3

III. Electives

1

Degree Requirements:

Computer Concepts (CIS-107) or above	3 credits
College Algebra	3 credits
Physics I with Lab	4 credits
Physics II with Lab	4 credits

> *How Students Earn Credit in the Option:* The option may be completed using independent study and distance education course from other universities.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

ELECTRONICS ENGINEERING TECHNOLOGY

	Credits
II. Area of Study	21
A. DC Circuits	3
B. AC Circuits	3
C. Digital Electronics	3
D. Electronic Devices	3
• Solid State Theory	
• Basic Electronics	
• Semiconductor Devices	
E. Microprocessors	3
F. Electronic Engineering Technology Electives	3
• Control Systems	
• Robotics	
• Electronic Instrumentation	
• Biomedical Electronics	
• Industrial Electronics	
• Electrical Design and Manufacturing	
• Avionics	
• Microwave and Infrared Principles	
• Radar and Navigation Systems	
G. Associate Capstone	3

III. Electives

1

Degree Requirements:

College Algebra	3 credits
Physics I with Lab	4 credits
Physics II with Lab I	4 credits

> *How Students Earn Credit in the Option:* Almost all of the courses required for the option are available by independent study and distance education courses from other universities.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

MEDICAL IMAGING

	Credits
II. Area of Study	21
A. Radiation Physics	3
B. Medical Imaging Electives	15
• Radiology Department Administration	
• Health Care Delivery/ Health Care Administration	
• Nuclear Medicine Technology/ Radiation Therapy	
C. Associate Capstone	3
III. Electives	1

Degree Requirements:

College Algebra	3 credits
Physics I with Lab	4 credits
Anatomy and Physiology I with Lab	4 credits

- > *Certification:* ARRT RT(R) or NJ license NJ-LRT(R) copy or original certification and current renewal card.
- > *How Students Earn Credit in the Option:* License (earned after 1980) provides the credits necessary in the option.
- > Medical imaging courses are not available at the College rather from certification, transfers or prior learning assessment.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

NUCLEAR ENGINEERING TECHNOLOGY

	Credits
II. Area of Study	21
A. Nuclear Physics for Technology	3
B. Thermodynamics or Heat Transfer	3
C. Fluid Mechanics	3
D. Reactors	3
E. Radiation Safety	3
F. Nuclear Engineering Technology Electives	3
G. Associate Capstone	3
III. Electives	1

Degree Requirements:

College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *How Students Earn Credit in the Option:* Students who have completed Navy Basic Nuclear Power School or INPO assessed training, will have completed the courses for the option.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

RADIATION PROTECTION

	Credits	
II. Area of Study	21	
A. Nuclear Physics for Technology	3	
B. Radiation Biology or Chemistry	3	
C. Health Physics	3	
• Radiation Safety		
• Health Physics		
• Radiation Protection		
D. Radiation Measurement	3	
• Radiation Detection and Measurement		
• Nuclear Instrumentation and Measurement		
• Radiation Dosimetry		
E. Radiation Protection Electives	6	
• Health Physics Techniques		
• Radiation Effects		
• Radiation Shielding		
• Radioactive Waste Control		
• ALARA Principles		
• Nuclear Radiation Fundamentals		
• Thermodynamics or Heat Transfer		
• Radiation Biophysics		
• Radiation and Reactor Systems		
F. Associate Capstone	3	
III. Electives	1	

Degree Requirements:

College Algebra	3
Physics I with Lab	4
Physics II with Lab I	4

- > *How Students Earn Credit in the Option:* Students who have completed NRRPT certification will have completed the option. Students who completed Navy Nuclear Power School and INPO Radiological Technician qualification will have completed most of the option.

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

RADIATION THERAPY

	Credits	
II. Area of Study	21	
A. Radiation Physics	3	
B. Radiation Therapy Electives	15	
C. Associate Capstone	3	
III. Electives	1	

Degree Requirements:

College Algebra	3
Physics I with Lab or Chemistry I with Lab	4
Anatomy and Physiology I	4

- > ARR-RT (T) and NJ LR (T) (copy of original certification and current renewal card)
- > *How Students Earn Credit in the Option:* The certification covers almost all of the credits required in the option
- > Radiation therapy course are not available at the University rather from certificates, transfer or prior learning assessment

ASSOCIATE IN SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

TECHNICAL STUDIES

	Credits	
II. Area of Study	21	
21 credits from a single discipline or combinations from multiple disciplines in applied science and technology	18	
Associate Capstone	3	
III. Electives	1	

Degree Requirements:

College Algebra	3
Physics I with Lab or Chemistry I with Lab	4
Physics II with Lab or Chemistry II with Lab	4

- > *How Students Earn Credit in the Option:* Transfers from military/accredited industrial training and other colleges, online courses, Licenses/certifications or prior learning assessments (PLA).

ASSOCIATE IN SCIENCE IN BUSINESS ADMINISTRATION

The Associate in Science in Business Administration (ASBA) degree has a broad management core designed to ensure college-level competence in business and the arts and sciences. Some of the topics covered include the principles of management, marketing, and financial accounting. The ASBA degree prepares students to make a seamless transition into a Bachelor of Science in Business Administration degree program.

	Credits
I. General Education Requirements	39
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	3
E. Mathematics	3
II. Management Core	18
A. Financial Accounting	3
B. Managerial Accounting	3
C. Business Law	3
D. Principles of Management	3
E. Computer Concepts and Applications/ Introduction to Computers/CIS	3
F. Introduction to Marketing	3
III. Electives	3
Total	60 credits

Note: The general education requirements, management core and electives may be completed solely through courses from other universities or a combination of Thomas Edison State University courses, TECEP® examinations, prior learning assessment (PLA) and other courses.

Degree Requirements

To attain the ASBA degree, the student must earn 60 credits distributed as follows: 39 credits in general education, 18 credits in management and 3 credits in electives. College Algebra or Quantitative Business Analysis (3 credits) is a degree requirement.

General Education Requirements

The 39-credit requirement in general education provides students with a background in humanities, social sciences and natural sciences/mathematics.

Management Core

The 18 credits required in the management core consist of basic business subjects.

Electives

The elective category may be satisfied by almost any college credit. Academic policies should be reviewed for limitation of credits.

ASSOCIATE IN SCIENCE IN NATURAL SCIENCES AND MATHEMATICS

The Associate in Science in Natural Sciences and Mathematics (ASNSM) degree emphasizes general education. The degree is designed to provide a basis for transfer into a Bachelor of Arts degree in the areas of natural sciences/mathematics.

ASNSM in Biology

The Associate in Science in Natural Sciences and Mathematics degree in biology emphasizes general education and is designed to provide a basis for transfer into the Bachelor of Arts degree program in biology. This 60-credit program develops an understanding of biological principles that underlie all living things, instills a sense of inquiry and sharpens analytical thinking skills.

	Credits
I. General Education Requirements	44
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8
E. Mathematics	3
II. Area of Study: Biology	16
Total	60 credits

ASNSM in Computer Science

The Associate in Science in Natural Sciences and Mathematics degree in computer science emphasizes general education and is designed to provide a basis for transfer into the Bachelor of Arts degree program in computer science. This 60-credit program is designed for students who desire a strong liberal arts program combined with a solid foundation in computer science and can be completed entirely online.

	Credits
I. General Education Requirements	44
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8
E. Mathematics	3

II. Area of Study: Computer Science	16
Total	60 credits

Note: Most courses in data processing are not considered to be in the liberal arts computer science category. Students should check with an advisor to determine if course can be approved as liberal arts computer science before registering for course.

ASNSM in Mathematics

The Associate in Science in Natural Sciences and Mathematics degree in mathematics emphasizes general education and is designed to provide a basis for transfer into the Bachelor of Arts degree programs in mathematics or natural sciences/ mathematics. This 60-credit program provides students with a basic mathematical background and the opportunity to further utilize their skills in the advanced study of mathematics.

	Credits
I. General Education Requirements	44
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8
E. Mathematics	3
II. Area of Study: Mathematics	16
Total	60 credits

Note: The following courses are examples of mathematics courses that CANNOT be used in the mathematics option: College Algebra, Finite Math, Pre-Calculus, or Trigonometry. These courses are not advanced level mathematics courses.

Degree Requirements

The Associate in Science in Natural Sciences and Mathematics degree requires 60 credits: 44 credits in the general education distribution and 16 credits in the area of study.

General Education Requirements

The 44-credit general education requirement provides students with a broad background in humanities, social sciences and natural sciences/mathematics.

ASSOCIATE OF SCIENCE

Offered in conjunction with the Rutgers School of Health Professions.

The Associate of Science degree program in Occupational Therapy Assistant is a joint degree program offered in conjunction with the Rutgers School of Health Professions. The 74-credit program is designed to prepare students to work as occupational therapy assistants and work with people of all ages who are challenged by disability, trauma and/or the aging process.

Candidates for the program apply through Rutgers.

For complete credit information, please visit <http://shrp.rutgers.edu/dept/psyr/programs/asdota/index.html>

BACHELOR OF ARTS

The Bachelor of Arts (BA) degree prepares adults for career change, professional advancement or graduate education, while providing personal enrichment. Students develop a broad general knowledge of the traditional liberal arts disciplines while developing a greater depth of knowledge in particular areas of interest. Credit requirements are distributed among the traditional liberal arts areas and electives.

	Credits
I. General Education Requirements	60
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	12
D. Understanding the Physical and Natural World	4-7
E. General Education Electives	17-20
II. Area of Study Requirements	30-60 as required
III. Electives	0-27 as required
Total	120 credits

Degree Requirements:

- A minimum of 18 credits must be upper level (300 level or above).
- A student must complete a course in College-level math or higher.

Students may earn a Bachelor of Arts degree in one of the following areas of study:

BACHELOR OF ARTS

ANTHROPOLOGY

	Credits
II. Area of Study	33
A. Required Courses	27
• Physical Anthropology	3
• Cultural Anthropology	3
• Introduction to Archeology	3
• Social Organization (Kinship)	3
• New World Anthropology or Old World Anthropology	3
• Two Ethnography courses	6
• Two Topics courses	6
B. Capstone	
• LIB-495 Liberal Arts Capstone	3
C. Anthropology Electives	3
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of cultural and physical anthropology;
- > explain the principles of archaeology;
- > describe the various components of social organizations;
- > demonstrate knowledge of either new world or old world anthropology; and
- > demonstrate awareness of the principles relating to ethnographic aspects of culture.

Note: Anthropology courses and the Introduction to Archaeology course may be found in the following departments: anthropology OR archaeology OR social sciences OR sociology. Regardless of department, courses are classified as anthropology in the BA anthropology area of study.

BACHELOR OF ARTS

ART

	Credits
II. Area of Study	33
A. Required Courses	15
• Art History Survey I and II	6
<i>At least one course in each of the following is required:</i>	
• Two-Dimensional Design	3
• Drawing	3
• Painting	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	3
C. Art Electives	15
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives - Graduates will be able to:

- > demonstrate knowledge of the history of art, including classical and folk art traditions throughout the world;
- > compare and contrast various techniques of artistic expression, including painting, sculpture and new media; and
- > analyze and interpret works of art and communicate effectively about art in writing and in speech.

BACHELOR OF ARTS

BIOLOGY

	Credits
II. Area of Study	60
A. Required Courses	
• General Biology 1 with Lab	4
• General Biology 2 with Lab	4
• Cell Biology	3
• Genetics	3
• Microbiology	3
• Precalculus	3
• General Chemistry 1 with Lab	4
• General Chemistry 2 with Lab	4
• Organic Chemistry 1 with Lab	4
• Organic Chemistry 2 with Lab	4
• General Physics I with Lab	4
• General Physics 2 with Lab	4
• Liberal Arts Capstone	3
B. Biology Electives	13

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of the scientific method, including the formation of hypotheses and the design and implementation of laboratory experiments;
- > demonstrate the ability to read, understand and critically review scientific papers;
- > recognize the relationship between structure and function at the molecular, cellular and organism levels;
- > explain the principles of evolutionary biology and identify the taxonomy and phylogenetic relationships of the major groups of organisms;
- > define the historical development of theories and laws, the nature of science and the relationship between science, technology and society;
- > recognize the ecological relationships between organisms and their environment; and
- > demonstrate a working knowledge of equipment, technology and materials appropriate for research in the biological sciences.

Note: Calculus is recommended but not required.

BACHELOR OF ARTS

COMMUNICATIONS

	Credits
II. Area of Study	33
A. Required Courses	6
Select two of the following for the communications theory requirement:	
• Fundamentals of Speech	3
• Interpersonal Communications	3
• Mass Communications	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	3
C. Communications Electives	24
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > discuss the concepts of mass and personal communication;
- > prepare mass communication messages in the appropriate style;
- > apply theories in the use and presentation of images and information;
- > apply appropriate technology to the creation and dissemination of messages; and
- > demonstrate critical-thinking and problem-solving skills related to a specific communications topic.

Note 1: Courses in speech needed to prepare students for college-level studies CANNOT be accepted toward Thomas Edison State University degree requirements.

Note 2: Courses in "Speaking English" for foreign students or students with disabilities may be free electives or remedial courses (developmental). Course descriptions will need to be reviewed. If course is remedial (developmental), it CANNOT be accepted toward Thomas Edison State University degree requirements.

BACHELOR OF ARTS

COMPUTER SCIENCE

	Credits
II. Area of Study	33
A. Required Courses	15
• Intro to Computer Science	3
• Data Structures	3
• Calculus I	3
• Calculus II	3
Select one of the following:	
• Discrete Math	3
• Linear Algebra	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Computer Science Electives	21
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > analyze and solve computer problems;
- > demonstrate knowledge in at least two programming languages;
- > solve problems using discrete mathematics, differential and integral calculus, probability and statistics;
- > apply the principles of software design to solve practical problems; and
- > demonstrate knowledge of emerging technologies and their societal impacts related to computing.

BACHELOR OF ARTS

CRIMINAL JUSTICE

	Credits
II. Area of Study	42
• Introduction to Criminal Justice	3
• American Juvenile Justice System	3
• Introduction to Corrections	3
• Criminology	3
• Criminological Theory	3
• Courts and Criminal Procedure	3
• Public Policy and Criminal Justice	3
• Introduction to Law Enforcement	3
• Research Methods in the Social Sciences	3
• Technical Writing	3
• Statistics	3
• Ethics in the Justice System	3
• Liberal Arts Capstone	3
• Criminal Justice Electives	3
III. Electives	18

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > verbally communicate in a clear professional manner and produce reports and policy papers that are organized, focused and make sound critical arguments;
- > display logical and critical evaluation and analysis of social and criminal justice research literature as well as prevailing criminal justice theories and policies;
- > demonstrate knowledge of the basic criminal justice process, its structure and the context of the interrelationships between each component of the criminal justice system; and
- > demonstrate knowledge of the legal aspects of policing in the United States including the concepts of due process, equal protection and the rules of criminal procedure.

BACHELOR OF ARTS

ENGLISH

	Credits
II. Area of Study	33
A. Required Courses	12
• Survey of Literature I and II	6
• Non-Western Literature	3
• Analysis and Interpretation of Literature	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. English Electives	18
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate a thorough understanding of the origins of the English language and its evolution;
- > apply the principles of composition, including rhetorical grammar and usage, critical thinking, basic principles of argumentation and the use of research methods and documentation skills;
- > recognize and identify various genres in literature;
- > identify literary devices, forms and elements;
- > identify historical and cultural characteristics of literary genres; and
- > discuss, critically, issues of gender, class, ethnicity, culture and the individuals that are present in literature.

Note: Students planning graduate work in literature should include period and genre courses in their area of study.

BACHELOR OF ARTS

ENVIRONMENTAL STUDIES

	Credits
II. Area of Study	41
A. Required Courses	26
(all must be included)	
• General Biology 1 with Lab	4
• Introduction to Environmental Science	3
• Earth's Resources	3
• Geology with a Human Emphasis	3
• General Chemistry 1 with Lab	4
<i>Nine credits chosen from at least three of the following areas:</i>	9
• Anthropology of the Environment	
• Economics of the Environment	
• Environmental Psychology	
• Global Environmental Change	
• Philosophy/Environment	
• Politics of the Environment	
• Sociology/Environment	
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Environmental Studies Electives	12
III. Electives	19

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > define the human and natural phenomena that impact the environment;
- > identify and analyze the technology and management strategies that prevent, control and remedy the human and natural phenomena that impact the environment;
- > demonstrate and communicate knowledge of environmental, socioeconomic and political implications of human interactions with the environment;
- > explain environmental problems, analyze risks to humans and the environment, and propose alternate solutions to remedy environmental problems; and
- > demonstrate awareness of how the scientific method is applied in environmental studies research.

Note: Because this area of study is interdisciplinary, it must be planned closely with a BA degree program advisor.

BACHELOR OF ARTS

FOREIGN LANGUAGE

	Credits
II. Area of Study	33
A. Required Courses	21
Language skills through the advanced level	12
• Intermediate Language I and II	6
• Advanced Language I and II	6
• History of Civilization	3
• Major Writers/Masterpieces of Literature	6
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Foreign Language Electives	9
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > present information, concepts and ideas in a foreign language to an audience of listeners or readers;
- > translate and interpret a foreign language;
- > engage in conversations or correspondence in a foreign language; and
- > demonstrate proficiency in the cultural and sociolinguistics aspects of a language.

Note 1: Other foreign language areas of study may be modeled after the above. The area of study must be planned with a BA degree program advisor.

Note 2: All courses applied toward the foreign language area of study are REQUIRED to be taught in that specific foreign language, not in English translation.

BACHELOR OF ARTS

HISTORY

	Credits
II. Area of Study	33
A. Required Courses	18
• Western Civilization I and II or World History I and II	6
• American History I and II	6
• Non-Western/Non-U.S. History	3
• Historical Methods/Historiography	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. History Electives	12
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of the major developments in American history and either world history or Western civilization;
- > demonstrate knowledge of the historical development of at least one non-Western region;
- > articulate the distinctiveness and interconnectedness of different periods of history;
- > distinguish between primary and secondary sources and identify their appropriate use in research projects; and
- > apply the main approaches and methodologies within the field of history.

BACHELOR OF ARTS

INTERNATIONAL STUDIES

	Credits
II. Area of Study	48
A. Required Courses	
• Western Civilization I	3
• Western Civilization II	3
• Foreign Language	6
• World Geography	3
• International Relations	3
• Conflict in International Relations	3
• Liberal Arts Capstone (LIB-495)	3
B. Global Electives	12
C. Regional Electives	12
III. Electives	12

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate global and regional understanding of international studies from multiple academic disciplines;
- > analyze international and global issues through multiple perspectives;
- > demonstrate understanding of the connections between global cultures and politics;
- > develop introductory level communicative skills in a foreign language; and
- > critically analyze and evaluate globalization processes at local, national and international levels.

Note: Because this area of study is interdisciplinary, it must be planned closely with a BA degree program advisor.

BACHELOR OF ARTS

LABOR STUDIES

	Credits
II. Area of Study	33
A. Required Courses	12
• U.S. Labor History	3
• Intro to Labor Studies OR Work in Contemporary Society	3
• Labor Economics	3
• Labor Law	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Labor Studies Electives	18
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of labor as a social, political, economic and legal force in society;
- > explain the history and main principles of labor law in the United States;
- > articulate the main principles of labor economics, including applied theory;
- > demonstrate knowledge of the role of technology in the changing workplace;
- > identify the relationship between the labor movement and the struggles for civil rights and gender equality; and
- > identify the main theories and methodologies of labor studies.

BACHELOR OF ARTS

LIBERAL STUDIES

	Credits
II. Area of Study	30
A. Students complete a total of 30 credits of Liberal Studies courses that include at least 15 credits at the 300/400 level and no more than 6 credits at the 100 level.	
B. Students select an 18-credit concentration from the list below and complete an additional 12 credits of Liberal Studies courses.	
• Communications	
• Computer Science	
• Criminal Justice	
• General Management	
• Health and Wellness	
• Human Resources Management	
• Humanities	
• Labor Studies	
• Natural Sciences/Mathematics	
• Psychology	
• Social Sciences	
III. Electives	27
IV. Capstone	3
• LIB-495 Liberal Arts Capstone	

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > define the major concepts and theoretical perspectives of at least two liberal arts subjects;
- > explain the interrelationships between the conceptual frameworks that distinguish liberal arts subjects; and
- > discuss the historical development of at least two liberal arts subjects.

BACHELOR OF ARTS

MATHEMATICS

	Credits
II. Area of Study	33
A. Required Courses	15
• Calculus I (Differential Calculus)	3
• Calculus II (Integral Calculus)	3
• Calculus III (Multivariate Calculus)	3
• Probability/Statistics	3
• Linear Algebra	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Math Electives	15
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate mastery of core competencies in algebra, analysis and applied mathematics;
- > develop and write mathematical proofs; and
- > explain and demonstrate problem solving using mathematical concepts.

BACHELOR OF ARTS

MUSIC

	Credits
II. Area of Study	33
A. Required Courses	15
• Survey of Music History I and II	6
• Music Theory/Harmony I and II	6
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Music Electives	18
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of Western music theory, including harmony, rhythm and thematic development;
- > demonstrate knowledge of the history of world music and current trends, including classical, jazz, folk and popular expressions; and
- > write descriptively and analytically about music and performance.

BACHELOR OF ARTS

PHILOSOPHY

	Credits
II. Area of Study	33
A. Required Courses	21
• Intro to Philosophy	3
• Logic	3
• Ethics	3
3 credits in each of the following three areas with 6 credits in one area:	12
• Major field of Philosophy	
• Major Philosophy	
• History of Philosophy	
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Philosophy Electives	9
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > discuss the main points of and approaches to philosophies that have shaped Western civilization;
- > compare and contrast ideas and methods from non-Western cultures to those of the West;
- > evaluate competing ethical theories and their applications to contemporary issues; and
- > express personal philosophical views.

Note: Students planning on graduate work in philosophy are advised to take an appropriate foreign language (i.e., French, German, Greek or Hebrew).

BACHELOR OF ARTS

PHOTOGRAPHY

	Credits
II. Area of Study	39
A. Required Courses	9
• Principles of Photography or Black and White Photography	3
• Survey of Art History I and II	6
• History of Photography	3
• Color Photography	3
• Liberal Arts Capstone (LIB-495)	3
B. Photography Electives	21
III. Electives	21

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate a broad based knowledge of photography from traditional photographic techniques to the digital darkroom;
- > apply theoretical as well as technical practices to photography; and
- > demonstrate how photography contributes to both the cultural and economic aspects of society.

BACHELOR OF ARTS

POLITICAL SCIENCE

	Credits
II. Area of Study	36
A. Required Courses	18
• American National Government	3
• Comparative Government	3
• Political Theory OR Political Process	3
• International Relations	3
• Research Methods OR Quantitative Methods	3
• Macroeconomics	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Political Science Electives	15
III. Electives	24

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of the major fields in political science;
- > describe the major forms of government, legal systems and political ideologies;
- > demonstrate knowledge of the basic structures, functions and processes of the government and political system of the United States;
- > explain the formation and structure of the international system theory as related to political science; and
- > articulate and apply appropriate political science research methodologies.

BACHELOR OF ARTS

PSYCHOLOGY

	Credits
II. Area of Study	39
A. Required Courses	30
• Introduction to Psychology	3
• Research in Experimental Psychology	3
• Social Psychology	6
• History and Systems of Psychology	3
• Physiological Psychology	3
• Developmental Psychology	3
• Abnormal Psychology	3
• Statistics	3
• Ethics in the Social Sciences	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Psychology Electives	6
III. Electives	21

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of the theoretical concepts and historical trends in psychology;
- > use the scientific method to examine psychological questions;
- > articulate the importance of values, ethical standards and diversity in psychology; and
- > apply psychological principles to personal, social and organizational issues.

Note: Students planning on graduate work in philosophy are advised to take an appropriate foreign language (i.e., French, German, Greek or Hebrew).

BACHELOR OF ARTS

RELIGION

	Credits
II. Area of Study	33
A. Required Courses	6
• Religions of the World OR Comparative Religions	3
• Philosophy of Religion	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Religion Electives	24
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > discuss the basic concepts and methods of the study of religion in an academic context;
- > demonstrate the historical, textual, artistic, ritual, ethical and experiential dimensions of major religions in the East and West;
- > analyze the power of religion both to unify society and to disrupt and divide it; and
- > demonstrate knowledge of areas of similarity in religions and potential points of cooperation among them in a shrinking global context.

BACHELOR OF ARTS

SOCIOLOGY

	Credits
II. Area of Study	33
A. Required Courses	9
• Introduction to Sociology	3
• Social Theory	3
• Methods of Sociological Research OR Statistics	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Sociology Electives	21
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of the major theoretical concepts and historical trends in sociology;
- > apply the scientific method to examine sociological issues;
- > describe the importance of values, ethical standards and diversity in sociology;
- > demonstrate knowledge of the individual in society in regard to such areas as: culture, socialization, groups and organizations, and crime;
- > discuss some of the underlying factors concerning such areas as: social stratification, global stratification, race and ethnicity, and gender; and
- > compare the social dynamics of some of the major social institutions.

Note 1: The following TECEP exams OR DANTES DSST exam OR Guided Study course may be used as an elective in the sociology area of study.

SOS-305-DE Drug and Alcohol Abuse (3 credits)

SOS-304-GS Drugs and Society (3 credits)

Note 2: SOS-304-GS Drugs and Society DUPLICATES SOS-305-DE Drug and Alcohol Abuse.

BACHELOR OF ARTS

THEATER ARTS

	Credits
II. Area of Study	33
A. Required Courses	12
<i>At least one course in each of the following is required:</i>	
• Acting	3
• Directing	3
• Theater History	3
• Technical Theater Production	3
B. Capstone	3
• LIB-495 Liberal Arts Capstone	
C. Theater Arts Electives	18
III. Electives	27

Degree Requirements:

A minimum of 18 credits must be upper level (300 level or above)
College-level math or higher

Learning Outcomes Objectives – Graduates will be able to:

- > demonstrate knowledge of the history of theater;
- > compare and contrast theatrical techniques and processes (such as stagecraft and playwriting); and
- > explain the different forms of theater (such as stage plays and monologues) and theater's relationship to other arts (such as film and opera).

Learner-Designed Area of Study

Learner Designed Area of Study is designed for learners to customize studies within a discipline or blend of disciplines. It prepares students with diversified knowledge within and among degree programs to align with cross-disciplinary career positions. Learner Designed Areas of Study must be unique and may not duplicate the outcomes of existing degrees offered by the University.

Students are responsible for choosing or creating areas of interest by submitting a proposal to the Heavin School of Arts & Sciences. This is accomplished by completing the application form available on the University's web site. Areas of interest can be interdisciplinary and draw on disciplines not offered currently as areas of study at the University. The LDAS may be earned through transfer credit from other accredited institutions, Thomas Edison State University courses, Prior Learning Assessment or any other credit earning method approved by the University.

The student is responsible for developing a coherent plan of study to meet the unique learning outcomes of the LDAS. The application process must explain the Area of Study the student wishes to create by listing the specific learning outcomes the student wishes to achieve, and will include a short narrative of the discipline the student wishes to pursue.

Students who are approved for the LDAS must meet the requirements of the degree in addition to the approved area of study.

Developing the LDAS

1. Students will examine their own educational and professional background to select an area of study they believe will accomplish their career goals.
2. Students will research their desired area of study to determine if the area is coherent, distinct and unique and does not replicate existing Thomas Edison State University degree program areas of study.
3. Students will write a one-paragraph description of their LDAS that articulates in general terms, what their LDAS will accomplish.
4. Students will develop a list of specific outcomes that he or she will achieve upon successful completion of their LDAS. Students should review outcomes from Thomas Edison State University other degree programs as well as from other regionally accredited institutions for examples of appropriate outcomes.
5. Students will develop a coherent plan of study (list of specific, existing courses) to meet the unique learning outcomes of the LDAS.
6. Students submit their applications to the appropriate school for review and approval.

Bachelor's to Master's Program

The Bachelor's to Master's Program enables undergraduate students to earn up to 12 graduate credits* that will apply to both their bachelor's degree and a master's degree at the University. The program gives undergraduate students who are serious about earning a master's degree the opportunity to earn up to 12 graduate credits at the undergraduate tuition rate.

A student's ability to take advantage of the Bachelor's to Master's program depends on the courses they have already completed and those that can still be applied to their degree. A student must have room in their undergraduate degree for the recommended graduate courses aligned with the program.

Students approved for the Bachelor's to Master's program who do not have room within their undergraduate program to take graduate courses have the benefit of being conditionally admitted to a graduate program. This allows students who maintain a GPA of 3.0 or higher to seamlessly transition into the graduate program upon certification of their baccalaureate degree.

Thomas Edison State University undergraduate students and prospective students may apply for conditional admission to the Thomas Edison State University graduate program of their choice if they meet the following criteria:

- they have earned at least 60 undergraduate credits toward a bachelor's degree at the University
- they have a minimum grade point average (GPA) of 3.0
- they have at least three years of degree program relevant experience

Applicants who meet the above requirements may apply to the program and will be subject to the admission requirements of the Bachelor's to Master's Program and the University's graduate admissions requirements (with the exception of having to possess a bachelor's degree). These applicants will complete the Bachelor's to Master's Application.

Conditionally admitted students will not be permitted to enroll in graduate courses until they have successfully completed 90 undergraduate credits with an overall Thomas Edison State University GPA of 3.0. Conditionally admitted students may earn up to 12 graduate credits (4 courses) to meet requirements for both the bachelor's and master's degrees. These students will pay undergraduate tuition for the 12 graduate credits (4 courses) and must maintain their active undergraduate enrollment status. Note: there are recommended courses in each graduate program in which undergraduate students may enroll. Students should check with an Advisor for those courses.

Students who do not achieve a 3.0 GPA in their graduate course work will not be permitted to take additional courses. Students who do not successfully complete the 12 credits successfully will have to reapply for admission to graduate study.

Note: See Bachelor of Science in Nursing for BSN/MSN option.

BACHELOR OF SCIENCE

The Bachelor of Science (BS) degree prepares adults for career change, professional advancement or graduate education, while providing personal enrichment. Students develop a broad general knowledge of the disciplines while developing a greater depth of knowledge in particular areas of interest.

	Credits
I. General Education Requirements	60
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8-10
E. Mathematics	3
F. General Education Electives	14-16
II. Learner Designed Area of Study	33
• Liberal Arts Capstone	3
III. Electives	27
Total	120 credits

Required Courses:

33 learner-designed credits from approved disciplines with a minimum of 18 credits must be at the upper level (300 level or above). No more than 6 credits from 100-level courses; Liberal Arts Capstone.

Data Science and Analytics Area of Study

The Data Science and Analytics area of study offered under the Bachelor of Science degree is completed via online courses in data science and analytics provided by the Institute of Statistics Education at Statistics.com, which have been evaluated and recommended for credit by the American Council on Education's (ACE) College Credit Recommendation Service (CREDIT®). Credits earned by successfully completing the Statistics.com courses below fulfill the area of study requirements of the program.

II. Area of Study	33
A. Core Area of Study Courses	21
Introductory Statistics	3
Predictive Analytics I - Machine Learning Tools*	3
Predictive Analytics II - Neural Nets and Regression*	3
Predictive Analytics III - Dimension Reduction, Clustering and Association Rules*	2
Optimization - Linear Programming*	3
Introduction to Social Network Analysis (SNA)*	3
Forecasting Analytics	2
Interactive Data Visualization*	2
B. Area of Study Electives	12
<i>Students select four of the following courses</i>	
• SQL and R-Intro to Database Queries*	
• Regression Analysis*	
• R Programming Intro I	
• Intro to Python Programming for Analytics	
• Financial Risk Modeling*	
• Spatial Statistics with Geographic Information Systems*	
• Integer & Nonlinear Programming and Network Flow	
• Risk Simulation and Queuing*	

**upper-division course as designated by ACE.*

Students are responsible for separate Statistics.com tuition for online courses provided by Statistics.com that are part of this program.

Data Science and Analytics Learning Outcomes

Upon completion of the program, students will be able to:

- Utilize key technologies in data science and analytics, including data mining, machine learning, visualization techniques, predictive modeling and statistics
- Apply knowledge of statistical data analysis and quantitative modeling techniques to solve real world problems

BACHELOR OF SCIENCE IN CYBERSECURITY

The Bachelor of Science in Cybersecurity addresses the critical national need for a highly skilled cybersecurity workforce and provides you the knowledge and skills needed to protect critical cyber infrastructure and information assets. This innovative degree program uses an interdisciplinary approach that draws on solid technical as well as relevant human, policy, legal, ethical and management aspects needed to protect critical information infrastructure.

In addition, the program prepares you for well-known cybersecurity related industry certifications that are perfect for increasing career opportunities in the current rapidly growing cybersecurity job market.

Program Learning Outcomes

Graduates of this Bachelors of Science degree program will possess the skills and knowledge to:

1. Assess and apply cybersecurity principles, tools, and methods to defend information systems against cyber threats.
2. Protect an organization's critical information infrastructure by applying cybersecurity design best practices and technologies to prevent and mitigate cyberattacks and vulnerabilities.
3. Design, implement, and administer networks in a secure manner by integrating network defense technologies, monitoring tools, and measures.
4. Evaluate the hardware and software components of a computing environment and apply security best practices to install, configure, and manage modern operating systems.
5. Implement fundamental security principles and techniques in developing secure programs.
6. Apply database security models and best practices in the design and development of database management systems.
7. Analyze and navigate policy, legal, ethical, and compliance aspects of cybersecurity.

I. General Education Requirements

Credits

60

A. Intellectual and Practical Skills	15
Written Communication	6
Oral Communication	3
Quantitative Literacy	3
Information Literacy	3
B. Civic and Global Learning	9
Diversity	3
Ethics	3
Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8
E. Mathematics	3
F. General Education Electives	16

II. Area of Study: Cybersecurity

Credits

54

Introduction to Cybersecurity (CYB-120)	3
Database Fundamentals (ITS-130)	3
Introduction to Networking (ITS-140)	3
Introduction to Programming (ITS-150)	3
Fundamentals of Modern Operating Systems (ITS-160)	3
Defensive Security (CYB-220)	3
Firewalls and Perimeter Security (CYB-221)	3
Database Programming (ITS-231)	3
Routing and Switching Fundamentals (ITS-240)	3
Linux 3 (ITS-261)	3
Ethical Hacking (CYB-320)	3
Digital Forensics Techniques and Practices (CYB-321)	3
Wireless and Mobile Networking (ITS-340)	3
Windows Desktop and Server Configuration (ITS-363)	3
Critical Infrastructure Security (CYB-420)	3
Cybersecurity Risk Analysis and Management (CYB-421)	3
Cybersecurity Policies, Programs and Compliance (CYB-422)	3
Cybersecurity Capstone (CYB-495)	3

III. Electives

6

Students choose one of the following options:

- *Digital Forensics & Cyber Investigation Option:*
 - Mobile Forensics (CYB-440)
 - Network Forensics (CYB-441)
- *Cloud Security Option:*
 - Cloud Computing (CYB-450)
 - Cloud Security and Privacy (CYB-451)
- *Homeland Security Option:*
 - Counterterrorism: Constitutional and Legislative Issues (HLS-410)
 - Homeland Security: Preparedness, Prevention and Deterrence (HLS-420)

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

The Bachelor of Science in Applied Science and Technology (BSAST) degree is intended to meet the educational needs of midcareer adults in a wide variety of applied science and technology fields. The student selects the area of study that matches his/her expertise. For most students this reflects their occupation. *It is recommended for certain health-related and aviation-related options that students acquire a professional certification, as listed under the option.*

	Credits
I. General Education Requirements	60
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Ethics Course	3
• Diversity Course	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding of the Physical and Natural World	8-9
E. Mathematics	3
F. General Education Electives	15-16
II. Area of Study	45-54
Technical Discipline*	42
Current Trends and Applications (APS-401)**	3
III. Electives	12-15
Total	120-126 credits[†]

* Some areas of study require completion of 12 to 18 credits of 300- or 400-level courses.

** Engineering Technology programs require different capstone courses.

† Electronic Systems Engineering Technology area of study is a 124-credit program. Nuclear Energy Engineering Technology area of study is a 126-credit program.

> Notes: Engineering Technology programs require computer programming or Programmable Logic Controller (GTR-212). Engineering Technology programs require Calculus I and II.

Degree Requirements

The Bachelor of Science in Applied Science and Technology degree typically requires 120 credits; 60 credits in general education distribution, 45-54 credits within the area of study and 12-15 credits in electives.

Outcomes - Based General Education

Thomas Edison State College's institutional outcomes are closely mapped to the Essential Learning Outcomes (LEAP Outcomes) as documented by the Association of American Colleges and Universities (www.aacu.org/leap).

All Thomas Edison State University students who graduate from bachelor's degree programs will complete 60 semester hour credits of general education, by demonstrating general education competencies and completing general education electives, taken directly from the LEAP Outcomes (www.aacu.org/leap). Some of these credits must fulfill specific category requirements and others allow you to tailor your general education experience to your own needs and interests. The categories include intellectual and practical skills with institutional outcomes in communication, information literacy, quantitative literacy and technological competency; human cultures and the physical and natural world through study in areas including the sciences and mathematics, social sciences, humanities, histories, languages and the arts. Knowledge of personal and social responsibility with institutional outcomes in diversity/global literacy and responsible global leadership and lifelong learning, and integrative and applied learning, including synthesis and advanced accomplishment across general and specialized studies (integrated throughout general education and Capstone courses) are also included.

Area of Study

The area of study typically includes 45-54 credits. Most programs require the completion of Current Trends and Applications; this course is suggested to be taken at the end of the program. The credits used in the area of study must exhibit depth and breadth to cover both theoretical and applied aspects of the field. Requirements are given in terms of specific courses, areas to be completed and elective areas enable individualization of the area of study. Since this is usually a field in which the student is employed, it is often possible for the student to earn these credits through prior learning assessment (PLA), if he/she has not completed appropriate course work in that area. The lists of requirements for the area of study are subject to change. A current area of study Guidesheet, showing detailed requirements, will be sent with the student's first Academic Program Evaluation.

Electives

The elective category may be satisfied by almost any college credits. Academic policies should be reviewed for limitation of credits.

Additional Degree Requirements

Professional Certification: It is recommended for certain health-related and aviation-related areas of study that students acquire a professional certification, as listed under the areas of study.

Demonstration of Currency: Because of the rapid changes occurring in technical fields today, it is important for today's college graduate to maintain up-to-date knowledge. Demonstration of Currency (DOC) is the process that enables students to show that they have remained current and thus enables them to use the older credits toward their areas of study. If more than half of the credits in a student's area of study are more than 10 years old at the time of application or re-enrollment to the University, Demonstration of Currency will be required in these courses. Demonstration of Currency for these subjects is validated through enhancement training records or an oral conference with a mentor covering contemporary developments in these subjects. These courses will not be used toward the area of study until currency has been demonstrated. Students required to demonstrate currency will be informed of the requirement when their transfer credits are evaluated. A complete explanation of this process will be provided at that time.

Students may earn a Bachelor of Science in Applied Science and Technology degree in one of the following areas of study:

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AIR TRAFFIC CONTROL

	Credits
II. Area of Study: Air Traffic Control	45
A. Aerodynamics	3
B. Aviation Weather	3
C. Navigation	3
D. Air Traffic Control Core	12
• Flight Assistance Service	
• Airport Traffic Control	
• Enroute Traffic Control	
• Facilities Operation and Management	
E. Aviation Safety	3
F. Air Traffic Control Equipment	9
• Air Navigation Aids	
• Radar Fundamentals	
• Air Traffic Control Computer Systems	
G. Air Traffic Control Electives	9
• Federal Air Regulations	
• Communication Procedures	
• Flight Training	
• Airport/Aviation Management	
• Air Transportation	
• Communication Electronics	
H. AST: Current Trends and Applications (APS-401)	3
III. Electives	15
Degree Requirements:	23
Technical Writing	3
Statistics	3
College Algebra	3
Higher-Level Math above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4
Computer Concepts (CIS-107) or above	3

- > *Certification:* FAA Air Traffic Control Specialist
- > *How Students Earn Credit in the Area of Study:* Students' areas of study are completed by the FAA licenses.

Note: All certifications are recommended.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AVIATION FLIGHT TECHNOLOGY

	Credits
II. Area of Study: Aviation Flight Technology	45
A. Private Pilot	6
B. Commercial Pilot	12
C. Instrument Pilot	6
D. Aviation Flight Technology Electives	18
• Airplane Transport Pilot	
• Multiengine Rating	
• Flight Instructor	
• Flight Navigator	
• Flight Dispatcher	
• Airplane Captain	
• First/Second Officer	
• Flight Engineer	
• Specific Aircraft	
• Aerospace Development	
• Air Carrier Operations	
• Aircraft Components	
• Aviation Meteorology	
• Airport Management	
• Aviation Law	
• Aviation Safety	
• Aviation Transportation	
• Avionics	
• Flight Physiology/Human Factor Flight	
• Government and Aviation	
• Flight Instructor	
• Flight Instrument Instructor	
• Multiengine Instrument/Instructor	
• Airframe and Powerplant (up to 6 credits)	
• Air Traffic Control (up to 6 credits)	
E. AST: Current Trends and Applications (APS-401)	3

III. Electives **15**

Degree Requirements: **26**

Technical Writing	3
Computer Concepts	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4
Meteorology	3

- > *Certification:* FAA certificate in Private Pilot, Commercial Pilot, Instrument and Instructor rating. Equivalent military training may be considered.
- > *How Students Earn Credit in the Area of Study:* Students' areas of study are completed by the FAA licenses.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AVIATION MAINTENANCE TECHNOLOGY

	Credits
II. Area of Study: Aviation Maintenance Technology	45
A. General Aeronautics	3
• General Aerodynamics	
• Basic Aviation Maintenance	
• Inspection and Service	
B. Airframe	12
• Basic Airframe Systems	
• Advanced Airframe Systems	
• Flight Line Maintenance	
• Metallic Structures	
• Composite Structures	
C. Powerplant Courses	12
• Gas Turbines Powerplant	
• Piston Powerplant	
• Powerplant Accessories	
• Propellers and Trouble Analysis	
D. Avionics	6
• Airframe Electrical Systems	
• Instrumentation and Avionics	
E. Aviation Electives	9
• Aviation Weather	
• Basic Electricity (DC or AC Circuits)	
• Communication Electronics	
• Electronics	
• Commercial Pilot	
• Aircraft Rigging and Weight Analysis	
• Fluid Mechanics/Hydraulics and Pneumatics	
• Strength of Materials	
• Thermodynamics	
• Engineering Drawing (up to 3 credits)	
• Machine Tools (up to 3 credits)	
F. AST: Current Trends and Applications (APS-401)	3

III. Electives **15**

Degree Requirements: **27**

Technical Writing	3
Computer Concepts	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4
Chemistry I with Lab	4

- > *Certification:* FAA Certificate in Airframe and Power Plant Mechanics. Equivalent military training may be considered.
- > *How Students Earn Credit in the Area of Study:* Students' areas of study are completed by the license, depending on the rating.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

AVIATION MANAGEMENT

	Credits
II. Area of Study: Aviation Management	45
A. Professional Aviation Requirements	21
<i>(Aviation Maintenance Technology, Aviation Flight Technology, Air traffic Control) This can be satisfied by professional certifications and licensing.</i>	
B. Aviation Management Electives	21
<i>Complete at least 21 semester hours from the following list of courses.</i>	
• Aviation Safety (AVF- 303)*	
• Airline Management (AVT-301)*	
• Project Management (MAN-435)	
• Airport Management (AVF-472)*	
• Airline Finance and Economics (AVT-304)*	
• Aviation Law (AVF-364)*	
• Airline Marketing and Customer Service (AVT-305)*	
• International Operations (AVT-307)*	
• Crew Resource Management (AVT-306)*	3
C. AST: Current Trends and Applications (APS-401) (Capstone)	5

III. Electives 15

Degree Requirements: 23

Technical Writing	3
Computer Concepts	3
College Algebra	3
Statistics	3
Meteorology	3
Physics I with Lab	4
Physics II with Lab	4

> *Certification:* FAA certificate in Airframe and Powerplant Mechanics. Equivalent military training may be considered.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

BIOMEDICAL ELECTRONICS

	Credits
II. Area of Study: Biomedical Electronics	45
A. DC Circuits (ELE-211)	3
B. AC Circuits (ELE-212)	3
C. Physiology, Anatomy and Biomechanics	3
• Anatomy and Physiology (BIO-211)	
• Cell Physiology/Human Physiology	
• Biophysics/Biomechanics	
• Kinesiology	
D. Biomedical Electronics	12
• Biomedical or Medical Electronics	
• Instrumentation	
• Biomedical Transducers	
• Biomedical Equipment Maintenance	
• Physiological Monitoring Systems	
• Diagnostic Support Equipment Systems	
• Therapeutic Support Equipment Systems	
• Applications of Sensors	
• Electro-Mechanical Controls	
E. General Electronics	12
• Electronic Devices, Solid State/Semiconductor	
• Digital Electronics	
• Microprocessors	
• Computer Circuits	
• Communications Circuits	
• Pulse Circuits	
F. Biomedical Electronics Electives	9
• Specific Equipment	
• Additional credits in biomedical electronics and general electronics	
G. AST: Current Trends in Applications (APS-401)	3

III. Electives 15

Degree Requirements: 23

Technical Writing	3
Computer Concepts (CIS-107) and above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

> *How Students Earn Credit in the Area of Study:* Students whose areas of study are not complete at the time of enrollment either use prior learning assessment (PLA) or classroom work to complete their areas of study.

> Biomedical electronic courses are transferred since not available at College. General electronics are available for the program.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

CLINICAL LABORATORY SCIENCE

	Credits
II. Area of Study: Clinical Laboratory Science	45
A. Anatomy and Physiology I and II	6
B. Organic and/or Biochemistry	6
C. Microbiology	9
• General Microbiology	
• Diagnostic Microbiology	
• Virology/Parasitology/Mycology	
• Advanced Clinical Microbiology	
D. Hematology	6
E. Immunohematology/Serology	6
• Immunology	
• Blood Banking	
F. Clinical Chemistry	6
G. Clinical Laboratory Electives	3
• Microtechnique or History	
• Cytology	
• Diagnostic or Clinical Microscopy	
• Laboratory Quality Control	
• Laboratory Administration	
• Pathology	
• Epidemiology	
• Urinalysis	
• Healthcare Administration	
• Healthcare Delivery	
H. AST: Current Trends and Applications (APS-401)	3
III. Electives	15
Degree Requirements:	23
Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Chemistry I with Lab	4
Chemistry II with Lab	4

> *How Students Earn Credit in the Area of Study:* Students whose medical laboratory technology training was not completed in a college credit setting should have no difficulty earning credits by prior learning assessment (PLA) for their areas of study, assuming current or recent employment using a variety of laboratory methods.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

CONSTRUCTION

	Credits
II. Area of Study: Construction	45
A. Statics	3
B. Strength of Materials	3
C. Soil Mechanics/Hydraulics/Fluid Mechanics	3
D. Construction Methods and Materials	6
• Construction Techniques	
• Construction Methods and Practices	
• Heavy Construction	
• Energy Efficiency Audits	
• Green Technology Applications	
E. Structural Mechanics	6
• Foundations/Structural Design/Analysis	
• Structural Steel Design	
• Reinforced Concrete Design	
• Wood Construction	
F. Construction Codes and Specifications	3
G. Construction Estimating	3
H. Construction Management	3
• Construction Scheduling	
• Engineering Economy	
• Construction Inspection	
• Construction Operations	
• Project Management	
• Construction Labor	
I. Graphics and CAD	3
J. Surveying	3
K. Construction Electives	6
• HVAC Systems	
• Building Systems (Electrical/Mechanical)	
• Building Codes	
• Historic Preservation and Rehabilitation	
• Other Related Courses	
L. AST: Current Trends and Applications (APS-401)	3
III. Electives	15

> *How Students Earn Credit in the Area of Study:* Students whose areas of study are not complete at the time of enrollment either use prior learning assessment (PLA) or classroom work to complete their areas of study.

> *Note:* Courses listed in the area of study are offered as a guide. Other courses may also be considered appropriate for the program. The inclusion of similar courses must be reviewed by the evaluation team. Students must submit their program plan for review to ensure that course selection is appropriate for the degree.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

DENTAL HYGIENE

	Credits
II. Area of Study: Dental Hygiene	45
A. Anatomy and Physiology	8
B. Microbiology	3
C. Dental Anatomy	3
D. Nutrition (BIO-208)	3
E. Pharmacology	3
F. Radiology	3
G. Periodontics	3
H. Community Dental Health	3
I. Clinical Dental Hygiene	9
J. Dental Hygiene Electives	4
K. Current Trends and Applications (APS-401)	3

III. Electives **15**

Degree Requirements: **23**

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *Certification:* State license and American Dental Association National Board of Dental Hygiene Examiners. Copy of original certificate and current renewal card or transfer from UMDNJ partnership.
- > *How Students Earn Credit in the Area of Study:* Students whose areas of study are not complete at the time of enrollment either use prior learning assessment (PLA) or classroom work to complete their areas of study.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

ELECTRICAL TECHNOLOGY

	Credits
II. Area of Study: Electrical Technology	45
Electrical Technology Core	24
A. Electrical Theory	
• DC Circuits (ELE-211)	6
• AC Circuits (ELE-212)	
B. Digital Electronics with Lab (ELD-302)	3
C. Solid State Devices and Circuits with Lab (ELT-306)	3
D. Occupational Safety and Health (APS-400)	3
E. Project Management (MAN-435)	3
F. Applied Quality Management (APS-402)	3
G. Current Trends and Applications (APS-401)	3
H. Electrical Specialty	21

Select 21 credits from subjects below or equivalents

- Linear and Integrated Circuits with Lab (ELT-307)
- Industrial Electronics (ELT-308)
- Microprocessors with Lab (ELD-311)
- Electronic Instrumentation Systems (CTR-211)
- Programmable Logic Controllers (CTR-212)
- Electronic Communications Systems with Lab (ELC-201)
- Regulatory Policy and Procedures (EUT-401)
- Applied Economic Analysis (EUT-402)
- Alternative Energy Technologies and Energy Management
- AC/DC Machines and System Protection
- Electric Power Systems*

III. Electives **15**

Degree Requirements: **23**

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *How Students Earn Credit in the Area of Study:* Many of the credits in the area of study may be completed by independent study and distance education courses from other universities. Many students use prior learning assessment (PLA).

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

ELECTRONICS SYSTEMS ENGINEERING TECHNOLOGY

	Credits
II. Area of Study: Electronics Systems Engineering Technology	49
A. Electric Circuits	6
• DC Circuits with Lab (ELE-211)	
• AC Circuits with Lab (ELE-212)	
B. Electronic Devices	6
• Solid State Devices and Circuits with Lab (ELT-306)	
• Linear and Integrated Circuits with Lab (ELT-307)	
C. Digital Electronics with Lab (ELD-302)	3
D. Microprocessors with Lab (ELD-311)	3
E. Communication Electronics	3
• Electronic Communication Systems with Lab (ELC-201)	
F. Electronics Instrumentation and Control (CTR-211)	3
G. Electronic Engineering Technology Electives	9
Military/INPO Discipline Specific Training including Laboratory/Practicum (1 to 9 credits) or	
• Industrial Electronics (ELT-308)	
• Advanced Microprocessors with Lab (ELD-400)	
• Programmable Logic Controllers (CTR-212)	
• Network Technology (CMP-354)	
H. Occupational Health and Safety (APS-400)	3
I. Applied Quality Management (APS-402)	3
J. Project Management (MAN-435)	3
K. Electronics Assessment/Career Planning (ELT-490)	3
L. Electronic Engineering Technology Capstone (ELT-495)	4

III. Electives 15

Degree Requirements: 30

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
Calculus I	3
Calculus II	3
Physics I with Lab	4
Physics II with Lab	4
Chemistry I with Lab	4
Computer Programming or Programmable Logic Controllers	3

> *How Students Earn Credit in the Area of Study:* All of the courses in this area of study can be completed through Thomas Edison State University ways to earn credit.

Policy for Required Advisement for BSAST in Electronics Systems Engineering Technology

BSAST in Electronic Systems Engineering Technology program learners are required to schedule and complete a minimum of two program planning sessions, with a School of applied Science and Technology advisor. The first scheduled program planning sessions should be after the learner receives formal evaluation of transferred credits and prior to starting courses. A second scheduled program planning sessions should be prior to registration for Electronics Assessment /Career Planning (ELT-490)

The session shall encompass the following:

- Each BSAST in Electronics Systems Engineering Technology learner is required to meet with an Technology advisor;
 - > After receiving evaluation of transferred credits and prior to starting courses to ensure course sequencing as indicated below
 - > Required to verify completion of prerequisite courses prior to enrollment in Electronics Assessment/Career Planning (ELT-490) and Electronics Engineering Technology Capstone (ELT-495)
 - > Required to verify completion of all courses before Graduation
- Required Sequence of courses for the BSAST in Electronics Systems Engineering Technology is the following:
 - > Required general education courses or equivalent transfer courses prerequisites:
 - English Composition I (ENC-101) and English Composition II (ENC-102), prior to Technical Report Writing (ENG-201)
 - Calculus I (MAT-231) prior to Calculus II (MAT-232)
 - Physics I (PHY-111) with lab (PHY-128) prior to Physics II (PHY-112) with lab (PHY-129) and prior to Solid State Devices & Circuits (ELT-306) or Linear Integrated Circuits (ELT-307)

Note: Other General Education, Free Electives and Electronics Elective courses can be taken as determined by the learner and approved by advisement.

- Required the BSAST in Electronics Systems Engineering Technology area of study courses or equivalent transfer courses prerequisites:
 - > DC Circuits with lab (ELE-211), AC Circuits with lab (ELE-212), prior to Electronics Devices courses of Solid State Devices & Circuits (ELT-306) and Linear Integrated Circuits (ELT-307)
 - > Solid State Devices & Circuits with lab (ELT-306) and Linear Integrated Circuits with lab (ELT-307) prior to Digital Electronics (ELD-302), Microprocessor (ELD-302); Electronic Communications Systems (ELC-201); and Electronic Instrumentation & Control (CTR-211) courses
 - > Occupational Health & Safety (APS-400); Applied Quality Management (APS-402); Project Management (MAN-435) and elective courses can be taken at any time.
 - > Required completion of general education courses: English Composition I (ENC-101), English Composition II (ENC-102), and Technical Report Writing (ENG-201), Calculus I (MAT-231), Calculus II (MAT-232), Physics I (PHY-111) with lab (PHY-128), Physics II (PHY-112) with lab (PHY-129), General Chemistry (CHE-111) with lab (CHE-128), prior to Electronics Assessment /Career Planning (ELT-490)

- > Required completion of BSAST in Electronics Systems Engineering Technology area of study courses or equivalent transfers prior to Electronics Assessment / Career Planning (ELT-490)
- > Require completion of Electronics Assessment / Career Planning (ELT-490) prior to Electronics Engineering Technology Capstone (ELT-495)
- > Prior Learning Assessment options will not be available for Electronics Assessment /Career Planning (ELT-490 or Electronics Engineering Technology Capstone (ELT-495) The School of Applied Science and Technology advisors shall record the program planning session results in the learners' STRK file of Datatel.

Program Educational Objectives

The program educational objectives (PEOs) are broad statements describing the career and professional accomplishments that the Electronics Systems Engineering Technology program is preparing graduates to achieve. The BSAST in Electronics Systems Engineering Technology (ESET) strives to produce qualified and competent applied technology engineering professionals who can immediately make substantial contributions to their employers.

The PEOs are to:

1. demonstrate a desire and commitment to remain technically current through formal training, self-improvement, and continuing education, while applying skills that involve both practical and acquired knowledge;
2. demonstrate a commitment to increased levels of leadership and responsibilities in the electronics field;
3. function effectively in a professional/industrial environment while maintaining independent thought, a focus on safety and efficiency, and adherence to ethical standards;
4. demonstrate ongoing commitment to professionalism through teamwork as a leader or influential team member in the solution of technical challenges/issues; and
5. advocate for the industry through membership/involvement with professional/communal/educational societal, committees, and panels.

Student Outcomes for the BSAST-ESET Program

1. Demonstrate a fundamental mastery of the knowledge, techniques, skills, and modern tools required for the electronics and/or related fields.
2. Demonstrate an ability to understand and apply current concepts in the areas of mathematics, science, engineering, and technology to problems / issues encountered, using proper application of principles and applied procedures or methodologies.
3. Demonstrate the ability to conduct standard tests and measurements in the lab or in the field; similarly, to conduct, analyze, and interpret experiments, and apply results to resolve technical challenges and /or improve processes.
4. Demonstrate an ability to design or re-design systems, components, or processes appropriate to the challenges encountered.
5. Demonstrate effective leadership and participation as a member of a technical team.

6. Demonstrate a capability to solve technical problems through proper identification, research, and systematic analysis of the issue.
7. Demonstrate proficiency in oral, written, and graphical communications in a technical and non-technical setting utilizing Standard English.
8. Demonstrate an ability to identify and use appropriate technical literature, documents, and procedures.
9. Demonstrate the need for and commitment to engage in self-directed continuing professional development and lifelong learning in one's discipline.
10. Demonstrate professional, ethical, and social responsibilities within the electronics field, while recognizing differences due to culture and diversity.
11. Demonstrate recognition of the impacts of electronics technology solutions in an expanding societal and global context.
12. Demonstrate a commitment to quality, timeliness, and continuous improvement in professional activities.

Prerequisite Requirements

Each BSAST in Electronics Systems Engineering Technology program learner is required to schedule and complete program planning sessions with a School of Applied Science and Technology advisor. The scheduled program planning sessions should be after the learner receives formal evaluation of transferred credits and prior to starting courses. The session shall encompass the following.

- Each BSAST in Electronics Systems Engineering Technology student is required to meet with a Technology advisor, after receiving evaluation of transferred credits and prior to starting courses, to ensure course sequencing as indicated below. He or she is required to:
 - > verify completion of pre-requisite courses prior to enrollment in Electronics Assessment/Career Planning (ELT-490) and Electronics Systems Engineering Technology Capstone (ELT-495); and
 - > verify completion of all courses before Graduation.
- The Required general education courses or equivalent transfer courses prerequisites are:
 - > English Composition I (ENG-101) and English Composition II (ENG-102), prior to Technical Writing (ENG-201);
 - > Calculus I (MAT-231) prior to Calculus II (MAT-232); and
 - > Physics I (PHY-111) and Physics I Lab (PHY-128) prior to Physics II (PHY-112) and Physics II Lab (PHY-129) and prior to Solid State Devices & Circuits with Lab (ELT-306) Linear & Integrated Circuits with Lab (ELT-307)

Note: Other General Education, Free Electives, and Electronics Elective courses can be taken as determined by the learner and approved by advisement.

- The Required BSAST in Electronics Systems Engineering Technology area of study courses or equivalent transfer courses prerequisites are:
 - > DC Circuits with Lab (ELE-211) and AC Circuits with Lab (ELE-212), prior to Solid State Devices & Circuits with Lab (ELT-306) and Linear & Integrated Circuits with Lab (ELT-307);

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

ENERGY SYSTEMS TECHNOLOGY

Credits

II. Area of Study: Energy Systems Technology

45

- | | |
|--|----|
| A. Energy Utility Technology – Core | 15 |
| • DC Circuits (ELE-211) | 3 |
| • AC Circuits (ELE-212) | 3 |
| • Applied Quality Management (APS-402) | 3 |
| • Occupational Safety and Health (APS-400) | 3 |
| • Current Trends and Applications (APS-401) | 3 |
| B. Energy Specialty | 30 |
| (Select 30 Credits from areas below) | |
| • Nuclear Operations and Maintenance | |
| • Plant Operations and Maintenance | |
| • Gas Distribution | |
| • Electric Transmission and Distribution | |
| • Instrumentations and Control | |
| • Appliance Service | |
| • Alternative and Efficient Energy | |
| • Energy Management | |
| • Regulatory Policy and Procedures (EUT-401) | |
| • Applied Economic Analysis (EUT-402) | |

III. Electives

15

Degree Requirements:

23

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4

- > *How Students Earn Credit in the Area of Study:* Most students have transfer credit from an associate degree earned at a two-year college. Credit may also be earned through company training and apprenticeship programs. Credit may also be earned by prior learning assessment (PLA) and independent study.

- > Solid State Devices & Circuits with Lab (ELT-306) and Linear & Integrated Circuits with Lab (ELT-307) prior to Digital Electronics with Lab (ELD-302) Microprocessors with Lab (ELD-311); Electronic Communication Systems with Lab (ELC-201); and Electronic Instrumentation & Control (CTR-211) courses; and
- > Occupational Health & Safety (APS-400); Applied Quality Management (APS-402); Project Management (MAN-435), and elective courses may be taken at any time.
- Required completion of general education courses:
 - > English Composition I (ENG-101) and English Composition II (ENG-102), prior to Technical Writing (ENG-201); Calculus I (MAT-231), Calculus II (MAT-232), Physics I (PHY-111) and Physics I Lab (PHY-128), Physics II (PHY-112) and Physics II Lab (PHY-129), Chemistry I (CHE-111) and Chemistry II Lab (CHE-128), prior to Electronics Assessment /Career Planning (ELT-490).
 - > Required completion of BSAST in Electronics Systems Engineering Technology area of study courses or equivalent transfers prior to Electronics Assessment / Career Planning (ELT-490)
 - > Require completion of Electronics Assessment /Career Planning (ELT-490) prior to Electronics Systems Engineering Technology Capstone (ELT-495).
 - > Prior Learning Assessment options will not be available for Electronics Assessment /Career Planning (ELT-490 or Electronics Systems Engineering Technology Capstone (ELT-495).

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

HEALTH SERVICES TECHNOLOGY

	Credits
II. Area of Study: Health Services Technology	48
A. Professional Health Requirements	30
B. Professional Electives	12
C. Computer Requirement	3
D. AST: Current Trends and Applications (APS-401)	3
III. Electives	12
Degree Requirements:	27
Technical Writing	3
Statistics	3
College Algebra	3
Anatomy and Physiology I with Lab	4
Anatomy and Physiology II with Lab	4
Chemistry I with Lab	4
Biology I	3

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

INFORMATION TECHNOLOGY

	Credits
II. Area of Study: Information Technology	45
A. Information Technology Core	33
• Foundations of Information Technology (CMP-202)	3
• Computer Architecture (COS-330)	3
• C++ Programming (COS-213)	3
• Data Structures (COS-241)	3
• Operating Systems (COS-352)	3
• Database Management (CIS-311)	3
• Software Engineering (CIS-351)	3
• Management Information Systems (CIS-301)	3
• Project Management (MAN-435)	3
• Network Technology (CMP-354)	3
B. Information Technology Electives	12
• Current Trends and Applications (APS-401)	3
III. Electives	15
Degree Requirements:	23
Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab or Chemistry I with Lab	4
Physics II with Lab or Chemistry II with Lab	4

> *How Students Earn Credit in the Area of Study:* Students may earn credits by selected technical certifications, testing, online courses, courses at other regionally accredited institutions or through prior learning assessment (PLA).

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

MEDICAL IMAGING***

	Credits
II. Area of Study: Medical Imaging	45
A. Radiation and Nuclear Physics	3
B. Pathology	3
C. Radiation Biology and protection	3
D. Digital Imaging Acquisition and Display	3
• Radiographic Exposure	
• Contrasts and Media	
• QA in Imaging	
E. Image Production	3
F. Special Procedures and Modalities	3
• CT/MRI/NMT/Mammography/Ultrasound	
G. Radiological Technology Techniques	6
• Principles of Radiologic Technology	
• Special Procedures and Imaging Modalities	
• Pediatric Radiography	
• Radiologic Diagnostic Agents	
• Film Critique	
• Equipment Maintenance	
H. Clinical Practice	6
I. Occupational Health and Safety	3
J. Medical Imaging Electives	9
• Radiology Department Administration	
• Health Care Delivery/ Health Care Administration	
• Nuclear Medicine Technology/ Radiation Therapy	
K. AST: Current Trends and Applications (APS-401)	3

III. Electives 15

Degree Requirements: 27

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Anatomy and Physiology I with Lab	4
Anatomy and Physiology II with Lab	4
Physics I with Lab	4

***Some area of study require completion 12 to 18 credits of 300- or 400-level courses.

- > *Certification:* ARRT Radiographer ARRT-RT (R) or NJ license NJ-LRT(R) (copy of original certificate and current renewal card).
- > *How Students Earn Credit in the Area of Study:* The certification covers almost all of the credits required in the area of study. A second certification (nuclear medicine, radiation therapy or radiation protection) would complete the area of study.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

MILITARY TECHNOLOGY LEADERSHIP*

	Credits
II. Area of Study: Military Technology Leadership	45
A. 15 credits from a single discipline/department and 9 credits from other disciplines/departments.	
B. Leadership Electives (<i>possible electives</i>)	9
• Organizational Behavior	3
• Organizational Leadership	3
• Ethics and Policies	3
C. Applied Quality Management	3
D. Occupational Safety and Health	3
E. Project Management	3
F. AST: Current Trends and Applications (APS-401)	3

III. Electives 15

Degree Requirements: 23

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab or Chemistry I with Lab	4
Physics II with Lab or Chemistry II with Lab	4

*This option is only available to current military personnel and veterans of the armed forces.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

NUCLEAR ENERGY ENGINEERING TECHNOLOGY

	Credits
II. Area of Study: Nuclear Energy Engineering Technology	51
A. Nuclear Physics for Technology	3
B. Thermodynamics	3
C. Heat Transfer	3
D. Fluid Mechanics	3
E. Reactors and Plant Systems	9
• Reactor Fundamentals	
• Primary Reactor Systems	
• Nuclear Instrumentation and Control	
F. Radiation Effects	6
• Radiation Biophysics or	
• Radiation Interaction and	
• Radiological, Reactor, Environmental Safety	
G. Electrical Theory	3
H. Nuclear Materials	3
I. Radiation Analysis Laboratory	1
J. Nuclear Electives	10
• Military/INPO Discipline Specific Training including Laboratory/Practicum (1 to 10 credits) or	
• Occupational Health and Safety	
• Applied Quality Management	
• Regulatory Policy and Procedures	
• Applied Economic Analysis	
K. Nuclear Technology Assessment/Career Planning	3
L. Nuclear Energy Engineering Technology Capstone	4
III. Electives	15
Degree Requirements:	27
Technical Writing	3
Statistics	3
Calculus I	3
Calculus II	3
Physics I with Lab	4
Physics II with Lab	4
Chemistry I with Lab	4
Computer Programming Requirement or Programmable Logic Controllers	3

Note: Laboratories are considered to be part of the course work and/or prior experiential learning. Laboratory requirements of the degree are assigned zero credits.

> *How Students Earn Credit in the Area of Study:* Most students have earned credit from the Navy Basic Nuclear Power School, which covers more than half of the area of study. Credit may also be earned by advanced Navy training. Prior Learning Assessment (PLA), NRC license, NRRPT certification, certification from a nuclear utility INPO accredited program or ACE-reviewed company training.

Policy for Required Advisement for BSAST in Nuclear Energy Engineering Technology

BSAST in Nuclear Energy Engineering Technology program students are required to schedule and complete a minimum of two program planning sessions with a School of Applied Science and Technology advisor. The first scheduled program planning sessions should be after the student receives formal evaluation of transferred credits and prior to starting courses. A second scheduled program planning session should be prior to registration for Nuclear Assessment/Career Planning (NUC-490)

The session shall encompass the following:

- Each BSAST in Nuclear Energy Engineering Technology is required to meet with an AST advisor or military representative/advisor;
 - > After receiving evaluation of transferred credits and prior to starting courses to ensure course sequencing as indicated.
 - > Required to verify completion of prerequisite courses prior to enrollment in Nuclear Energy Issues & Career Planning (NUC-490) and Nuclear Energy Engineering Technology Capstone (NUC-495)
 - > Required to verify completion of all courses before Graduation application
 - Required sequence of courses for the BSAST in Nuclear Energy Engineering Technology are the following:
 - > Required the general education courses or equivalent transfer courses prerequisites:
 - English Composition I (ENC-101) and English Composition II (ENC-102), prior to Technical Report Writing (ENG-201)
 - Calculus I (MAT-231) prior to Calculus II (MAT-232)
 - Physics I with Lab (PHY-115) prior to Physics II with Lab (PHY-116) and prior to Nuclear Physics for Technology (NUC-303)
- Note: Other General Education, Free Electives and Nuclear Elective courses can be taken as determined by student and approved by advisement.*
- Required the BSAST in Nuclear Energy Engineering Technology area of study courses or equivalent transfer courses prerequisites:
 - > Nuclear Physics for Technology (NUC-303), Thermodynamics (EGM-221), Heat Transfer (EGM-323), and Fluid Mechanics (EGM-330) prior to Reactor and Plant Systems courses of Reactor Fundamentals (NUC-365), Primary Reactor Systems (NUC-331) or Nuclear Instrumentation and Control (NUC-351)
 - > Nuclear Physics for Technology (NUC-303) prior to Radiation Effects courses: Radiation Biophysics (NUC-412), Radiation Interaction (NUC-413) or Radiological, Reactor, Environmental Safety (NUC-342)
 - > Radiation Effects courses: Radiation Biophysics (NUC-412), Radiation Interaction (NUC-413) or Radiological, Reactor, Environmental Safety (NUC-342) prior to Radiation Analysis Laboratory (NUC-238)
 - > Required completions of general education courses: English Composition I (ENC-101), English Composition II (ENC-102), and Technical Report Writing (ENG-201), Calculus I (MAT-231), Calculus II (MAT-232), Physics I with Lab (PHY-115), Physics II with Lab (PHY-116), General Chemistry (CHE-111), prior to Nuclear Energy Issues & Career Planning (NUC-490)

- > Required completion of BSAST in Nuclear Energy Engineering Technology area of study courses or equivalent transfers prior to Nuclear Energy Issues & Career Planning (NUC-490)
- > Require completion of and Nuclear Energy Engineering Technology Capstone (NUC-495)
- > Prior Learning Assessment options will not be available for Nuclear Energy Issues & Career Planning (NUC-490) or Nuclear Energy Engineering Technology Capstone (NUC-495)

Program Educational Objectives:

The program educational objectives (PEOs) are broad statements describing the career and professional accomplishments that the Nuclear Energy Engineering Technology program is preparing graduates to achieve. The BSAST in Nuclear Energy Engineering Technology strives to produce qualified and competent applied technology engineering professionals who can immediately make substantial contributions to their employers.

The PEOs are to:

1. Demonstrate an appropriate mastery of the knowledge, techniques, and skills necessary to identify, analyze, and solve professional/technical challenges in Nuclear Energy.
2. Possess a desire and commitment to be technically current with changing technologies through self-improvement and continuous learning.
3. Function effectively in a professional/industrial environment, while maintaining independent thought and adhering to ethical standards.
4. Communicate effectively in one's career environment and serve influentially in team oriented settings.
5. Strive for increasing levels of leadership and responsibilities in the nuclear field.

Student outcomes for the BSAST Nuclear Energy Engineering Technology:

1. Demonstrate a fundamental mastery of the knowledge, techniques, skills and modern tools required for nuclear facility operations and /or related fields.
2. Demonstrate an ability to understand and apply current concepts in the areas of mathematics, science, and engineering technology.
3. Demonstrate the ability to conduct, analyze, and interpret data to resolve technical challenges and/or improve processes.
4. Demonstrate an understanding of nuclear design concepts that are applied within the systems, components, and processes for safe operation of nuclear facilities.
5. Demonstrate effective participation in groups as a valued team member.
6. Demonstrate a capability to solve technical problems through proper identification, research and systematic analysis of the issue.
7. Demonstrate proficiency in oral and written communications to the given audience utilizing standard English.
8. Demonstrate an ability to identify and use appropriate technical literature, documents and procedures.

9. Demonstrate the need and commitment to engage in lifelong learning while remaining technically current in one's discipline.
10. Demonstrate professional, ethical, and social responsibilities within the nuclear energy field, while recognizing differences due to culture and diversity.
11. Demonstrate recognition of the impacts of nuclear technology solutions in an expanding societal and global context.
12. Demonstrate a commitment for quality, timeliness, and continuous improvement in professional activities.
13. Demonstrate knowledge of and an understanding for the Federal, State, and Local regulations, standards, and rules applying to operations and safety in the nuclear energy field.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

NUCLEAR ENGINEERING TECHNOLOGY

	Credits
II. Area of Study: Nuclear Engineering Technology	45
A. Nuclear Physics for Technology	3
B. Heat Transfer	3
C. Fluid Mechanics	3
D. Reactors and Plant Systems	9
• Reactor Fundamentals	
• Primary Reactor Systems	
• Nuclear Instrumentation and Control	
E. Radiation Effects	6
• Radiation Biophysics	
• Radiation Interaction	
F. Safety and Protection	6
• Radiological, Reactor and Environmental Safety	
• Radiation Protection and Control	
G. Nuclear Electives	12
• Military/INPO Discipline Specific Training including Laboratory/Practicum or Occupational Health and Safety	
• Applied Quality Management	
• Regulatory Policy and Procedures	
• Nuclear Materials	
H. Current Trends and Applications	3

III. Electives **15**

Degree Requirements: **30**

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
Calculus I	3
Calculus II	3
Physics I with Lab	4
Physics II with Lab	4
Chemistry I with Lab	4
Computer Programming Requirement or Programmable Logic Controllers	3

> *How Students Earn Credit in the Area of Study:* Most students have earned credit from the Navy Basic Nuclear Power School, which covers more than half of the area of study. Credit may also be earned by advanced Navy training, prior learning assessment (PLA), NRC license, NRRPT certification, certification from a nuclear utility INPO accredited program or ACE-reviewed company training.

> *Note:* Courses listed in the area of study are offered as a guide. Other courses may also be considered appropriate for the program. The inclusion of similar courses must be reviewed by the evaluation team. Students must submit their program plan for review to ensure that course selection is appropriate for the degree.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

NUCLEAR MEDICINE TECHNOLOGY

	Credits
II. Area of Study: Nuclear Medicine Technology	48
A. Radiation or Nuclear Physics	3
B. Radiochemistry or Radiopharmacy	3
C. Radiation Biology and Protection	3
D. Clinical Practice	6
E. Nuclear Medicine Technology Techniques	15
F. Nuclear Medicine Electives	12
G. AST: Current Trends and Applications (APS-401)	3

III. Electives **12**

Degree Requirements: **32**

Technical Writing	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Anatomy and Physiology I	4
Anatomy and Physiology II	4
Chemistry I with Lab	4
Chemistry II with Lab	4
Physics I with Lab	4

> *Certification:* ARRT Nuclear Medicine Technologist ARRT-RT (N) or NMTCB-CNMT or NJ-LNMT (copy of original certificate and current renewal card).

> *How Students Earn Credit in the Area of Study:* The certification covers almost all of the credits required in the area of study. A second certification (radiography, radiation therapy or radiation protection) would complete the area of study.

> Nuclear Medicine courses are not available at the University; they come from above certifications and transfers.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

RADIATION PROTECTION

	Credits
II. Area of Study: Radiation Protection	45
A. Nuclear Physics	3
B. Radiation Biology	3
C. General Radiation Protections	6
• Radiation Protection	
• Radiological Safety	
• Health Physics	
• Radiation Protections and Control	
D. Radiation Measurement	6
• Radiation Detection and Measurement	
• Nuclear Instrumentation and Measurement	
• Radiation Dosimetry	
E. Radiation Effects	3
• Radiation Effects on Materials	
• Biological Effects of Radiation	
• Radiochemistry	
• Radioisotopes Engineering	
• Radiation Biophysics	
• Radiation Interactions	
F. Applied Health Physics	6
• Radiation Shielding	
• Environmental Radiation	
• Radioactive Waste Control	
• Protection Standards	
• Safety Controls for Nuclear Operation	
• Quality Control	
• ALARA Principles	
• Applied Health Physics Internship	
G. Radiation Protection Electives	15
• Nuclear Reactor Operations and Safety	
• Nuclear Fuel Cycle Hazardous Materials	
• Industrial Safety Instrument Analysis (Chemistry)	
• Heat Transfer or Thermodynamics Analytic	
• Organic or Biochemistry	
• Nuclear Chemistry	
• Radiation Biology	
• Radiation Protection Internship	
H. AST: Current Trends and Applications (APS-401)	3

III. Electives 15

Degree Requirements: 26

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Physics I with Lab	4
Physics II with Lab	4
General Biology	3

> *How Students Earn Credit in the Area of Study:* College credit is awarded for NRRPT certification, Navy Basic Nuclear Power School, certification from nuclear utility INPO accredited program and ACE recommended company training. The remaining credits may be earned by Guided Study, prior learning assessment (PLA) or classroom instruction.

> *Note:* Courses listed in the area of study are offered as a guide. Other courses may also be considered appropriate for the program. The inclusion of similar courses must be reviewed by the evaluation team. Students must submit their program plan for review to ensure that course selection is appropriate for the degree.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

RADIATION PROTECTION/HEALTH PHYSICS

Credits

II. Area of Study: Radiation Protection/Health Physics 53

- | | |
|--|---|
| A. Introduction to Nuclear Engineering Technology and Radiation Health Physics (RPT-270) | 3 |
| B. Nuclear Physics for Technology (NUC-303) | 3 |
| C. Radiation Detection and Instrumentation (RPT-260) | 3 |
| D. Nuclear Rules and Regulations (NUC-380) | 3 |
| E. Radiation Biology (RPT-271) | 3 |
| F. Radiation Ecology (RPT-272) | 3 |
| G. Radiation Biophysics (NUC-412) | 3 |
| H. Radiation Interactions (NUC-413) | 3 |
| I. Radiological, Reactor, Environmental Safety (NUC-342) | 3 |
| J. Introduction to Radiation Generating Devices and Medical (RPT-275) | 3 |
| K. Nuclear Materials (NUC-402) | 3 |
| L. Radiation Shielding and External Dosimetry (RPT-302) | 3 |
| M. Radiation Analysis Laboratory (NUC-358) | 3 |
| N. Reactor Fundamentals (NUC-365) | 3 |
| O. Nuclear Instrumentation and Control (NUC-351) | 3 |
| P. Radioactive Shipments, Packaging and Transportation (RPT-280) | 3 |
| Q. Radiation Protection/Health Physics Assessment/Career Planning (RPT-490) | 3 |
| R. Radiation Protection/Health Physics Capstone (RPT-495) | 3 |

III. Electives 12

Degree Requirements:

31

- | | |
|--|---|
| Technical Writing | 3 |
| Computer Concepts (CIS-107) or above | 3 |
| Statistics | 3 |
| College Algebra | 3 |
| Higher-Level Mathematics above College Algebra | 3 |
| Physics I with Lab | 4 |
| Physics II with Lab | 4 |
| Chemistry I with Lab | 4 |
| Chemistry II with Lab | 4 |

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

RADIATION THERAPY

Credits

II. Area of Study: Radiation Therapy 45

- | | |
|---|----|
| A. Radiation Physics or Nuclear Physics | 3 |
| B. Radiation Biology | 3 |
| C. Oncogenic Pathology | 3 |
| D. Technical Oncology | 3 |
| E. Radiation Oncology | 6 |
| F. Clinical Practice | 6 |
| G. Quality Management | 3 |
| H. Radiation Therapy Electives | 15 |
| I. AST: Current Trends and Applications (APS-401) | 3 |

III. Electives 15

Degree Requirements:

31

- | | |
|--|---|
| Technical Writing | 3 |
| Computer Concepts (CIS-107) or above | 3 |
| Statistics | 3 |
| College Algebra | 3 |
| Higher-Level Mathematics above College Algebra | 3 |
| Anatomy and Physiology I with Lab | 4 |
| Anatomy and Physiology II with Lab | 4 |
| Physics I with Lab or Chemistry I with Lab | 4 |
| Physics II with Lab or Chemistry II with Lab | 4 |
- > *Certification:* ARRT RT(T) or NJ LRT (copy of original certificate and current renewal card) Required Courses: Nuclear Physics for Technology, Radiation Oncology, Technical Oncology, Radiation Biology, Clinical Practice, Oncogenic Pathology, Quality Management, Current Trends and Applications
- > *How Students Earn Credit in the Area of Study:* The certification covers almost all of the credits required in the area of study. A second certification (nuclear medicine, radiography or radiation protection) would complete the area of study.
- > *Note:* Courses listed in the area of study are offered as a guide. Other courses may also be considered appropriate for the program. The inclusion of similar courses must be reviewed by the evaluation team. Students must submit their program plan for review to ensure that course selection is appropriate for the degree.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

RESPIRATORY CARE

	Credits
II. Area of Study: Respiratory Care	45
A. Anatomy and Physiology I and II	6
B. Microbiology	3
C. Cardiopulmonary Anatomy/Physiology/ Pathophysiology	3
D. Pharmacology	2
E. Pulmonary Function	3
F. Pediatric Respiratory Care	2
G. Pulmonary Rehabilitation	2
H. Clinical Practice	3
I. Respiratory Therapy Techniques	9
• Mechanical Ventilation	
• Gas, Humidity and Aerosol Therapy	
• RT Equipment	
• Acute and Sub-acute Care	
J. Respiratory Care Electives	9
• Biomedical Electronics	
• Electronic Instrumentation	
• CPR and Nursing Skills	
• Principles of Patient Care	
• Outpatient Care and Rehabilitation	
• Respiratory Department Management	
• Healthcare Administration	
• Healthcare Delivery	
K. AST: Current Trends and Applications (APS-401)	3
III. Electives	15

Degree Requirements: 27

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics above College Algebra	3
Chemistry I with Lab	4
Chemistry II with Lab	4
Physics I with Lab	4

> *Certification:* NBRC RRT Registered Respiratory Therapist (copy of original certificate and current renewal card)

- *Required Courses:* Anatomy and Physiology I and II, Cardiopulmonary Anatomy and Physiology, Microbiology, Pulmonary Function, Pharmacology, Respiratory Techniques (three courses), Pediatric Respiratory Care, Clinical Practice, Pulmonary Rehabilitation, Current Trends and Applications
- *Corollary Requirements:* Chemistry I and II, Physics I, Computer Requirement, Statistics, College Algebra
- *How Students Earn Credit in the Area of Study:* The area of study is completed by the license.

BACHELOR OF SCIENCE IN APPLIED SCIENCE AND TECHNOLOGY

TECHNICAL STUDIES

	Credits
II. Area of Study: Technical Studies	45
A. Technical Core	6
• Project Management	
• Current Trends & Applications	
B. Technical Discipline	
Technical Courses: <i>A total of 12 area of study credits must be from 300- or 400-level courses</i>	
• 21 credits from a single discipline	
• 18 credits from other applied science and technology disciplines	39
III. Electives	15

Degree Requirements: 23

Technical Writing	3
Computer Concepts (CIS-107) or above	3
Statistics	3
College Algebra	3
Higher-Level Mathematics Above College Algebra	3
Physics I with Lab or Chemistry I with Lab	4
Physics II with Lab or Chemistry II with Lab	4

> *How Students Earn Credit in the Area of Study:* Students may earn credits by selected licenses, certifications, related military or industrial training, transfer credits, Thomas Edison State College courses or prior learning assessment (PLA).

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

The Bachelor of Science in Business Administration (BSBA) degree is composed of a curriculum that ensures college-level competence in business and the arts and sciences. The BSBA degree provides ample opportunities for prior learning to be recognized and used in meeting many, if not all, of its degree requirements.

	Credits
I. General Education Requirements	60
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	4-7
E. Mathematics	3
F. Electives	17-20
II. Professional Business Requirements	36
Financial Accounting	3
Managerial Accounting	3
Business Law	3
Principles of Management	3
Computer Concepts and Applications/ Introduction to Computers/CIS	3
Introduction to Marketing	3
Principles of Finance	3
Business in Society or International Management	3
Macroeconomics	3
Microeconomics	3
Business/Managerial Communications	3
Strategic Management	3
III. Areas of Study Requirements	18 -24
IV. Electives	0-6
Total	120 credits

Degree Requirements

To attain the BSBA degree, students in most areas of study must earn 120 credits distributed as follows: 60 credits in general education, 36 credits in business, 18-24 credits in the area of study and 6 credits of electives. In addition, students pursuing the BSBA are required to take College Algebra or Quantitative Analysis and Statistics.

Outcomes-Based General Education

Thomas Edison State University's institutional outcomes are closely mapped to the Essential Learning Outcomes (LEAP Outcomes) as documented by the Association of American Colleges and Universities (www.aacu.org/leap).

All Thomas Edison State University students who graduate from bachelor's degree programs will complete 60 semester hour credits of general education, by demonstrating general education competencies and completing general education electives, taken directly from the LEAP Outcomes (www.aacu.org/leap). Some of these credits must fulfill specific category requirements and others allow you to tailor your general education experience to your own needs and interests. The categories include intellectual and practical skills with institutional outcomes in communication, information literacy, quantitative literacy and technological competency; human cultures and the physical and natural world through study in areas including the sciences and mathematics, social sciences, humanities, histories, languages and the arts. Knowledge of personal and social responsibility with institutional outcomes in diversity/global literacy and responsible global leadership and lifelong learning and integrative and applied learning, including synthesis and advanced accomplishment across general and specialized studies (integrated throughout general education and Capstone courses) are also included.

Professional Business Requirements (36 credits)

The business core is composed of 12 business subjects that represent the foundation courses that support the student's chosen area of study.

Area of Study (18-24 credits)

The area of study is the component of the degree that focuses on the specific business area in an in-depth way. A maximum of 6 credits at the 100-200 level can be applied.

Accounting/CPA area of study - This area of study is 24 credits to allow for additional required accounting courses. There are no electives within the Accounting/CPA area of study.

Electives

The elective category may be satisfied by almost any college credits. Academic policies should be reviewed for limitation of credits.

Business Transfer Credits

Within the BSBA areas of study, up to 50 percent of the courses in the area of study may be older than 7 years from the most current date of application to the University. Any additional older credits applicable to the area of study would have to undergo a currency review before being placed in this area of the degree. The BSBA capstone course, Strategic Management, has a currency limitation of no more than 5 years old in order to apply toward the core requirement.

STUDENTS MAY EARN A BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION IN ONE OF THE FOLLOWING AREAS OF STUDY:

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

ACCOUNTING

	Credits
III. Area of Study	18
Required Courses	6
• Intermediate Accounting I	
• Intermediate Accounting II	
Additional Courses	12
IV. Electives	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
- Statistics (within the Math section of General Education requirements)

> *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

Note: Please contact your state board of accountancy for specific details concerning CPA examination requirements.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

ACCOUNTING/CPA

	Credits
III. Area of Study	24
Required Courses	18
• Intermediate Accounting I	
• Intermediate Accounting II	
• Advanced Accounting I	
• Advanced Accounting II	
• Auditing	
• Federal Income Taxation I	
Additional accounting courses	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
- Statistics (within Math section of General Education requirements)
- Intermediate Accounting I and II, Advanced Accounting I and II, Federal Income Taxation, Auditing

> *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

Note: Please contact your state board of accountancy for specific details concerning CPA examination requirements.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

COMPUTER INFORMATION SYSTEMS

	Credits
III. Area of Study	18
Required Courses	6
• Programming Language	
• System Analysis and Design	
Additional Courses	12
IV. Electives	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
- Statistics (within the Math section of General Education requirements)

> *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

ENTREPRENEURSHIP

		Credits
III. Area of Study		18
Required Courses	9	
• Small Business Management or Intro to Entrepreneurship		
• Small Business Finance (preferred) or Managerial Finance		
• Small Business Marketing (preferred) or Marketing Research		
Additional Courses	9	
IV. Electives		6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

FINANCE

		Credits
II. Area of Study		18
IV. Electives		6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment(PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

GENERAL MANAGEMENT

		Credits
II. Area of Study		18
Required Courses (12 of the credits must be upper level)		
Select from the following areas:		
• Accounting		
• Finance		
• Management		
• Marketing		
IV. Electives		6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

HEALTHCARE MANAGEMENT

		Credits
III. Area of Study		18
IV. Electives		6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed through Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

HUMAN RESOURCES/ORGANIZATIONAL MANAGEMENT

	Credits
III. Area of Study	18
Required Courses	9
• Human Resources Management	
• Organizational Behavior	
• Organizational Theory or Organizational Development and Change	
Additional Courses	9
IV. Electives	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

INTERNATIONAL BUSINESS

	Credits
III. Area of Study	18
Required Courses	6
• Introduction to International Business	
• International Economics, International Finance, International Marketing (choose one)	
Additional Courses	12
IV. Electives	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

MARKETING

	Credits
III. Area of Study	18
Required Courses	3
• Marketing Research	
Additional Courses	15
IV. Electives	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

OPERATIONS MANAGEMENT

	Credits
III. Area of Study	18
Required Courses	6
• Introduction to Operations Management	
• Total Quality Management or Quality Assurance	
Additional Courses	12
IV. Electives	6

Degree Requirements:

- College Algebra or Quantitative Business Analysis (within Intellectual and Practical Skills section of General Education requirements)
 - Statistics (within the Math section of General Education requirements)
- > *How Students Earn Credit in the Area of Study:* Courses in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited colleges. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN HEALTH INFORMATION MANAGEMENT

Offered in conjunction with the Rutgers School of Health Professions.

The Bachelor of Science in Health Information Management (BSHIM) degree program is designed to provide knowledge and skills for health information professionals, including information policies, planning, budgeting, quality assurance, liaison to medical professions, statistical analysis, regulatory compliance, code diagnoses and management. The content is based on the accreditation standards of the Commission on Accreditation of Health Informatics and Information Management Education (CAHIIM) so that the graduate can pass the national registry examination as a Registered Health Information Administrator (RHIA).

The Bachelor Science in Health Information Management program is a joint degree program with Rutgers School of Health Professions and Thomas Edison State University. Rutgers provides Health Information Management professional credits while Thomas Edison State University provides general education and two general management courses.

For complete credit information, please visit
<http://shrp.rutgers.edu/dept/informatics/HIM/index.html>.

The program consists of 124 total semester hour credits with at least 12 being taken at Thomas Edison State University, thus constituting a residency requirement. The 124 total credits are comprised of the following:

- > 60 credits in general education; and
- > 64 area of study credits and elective credits in Health Information Management completed at Rutgers.

Admission to Program

Prospective students must apply through Rutgers School of Health Professions, observing the application deadlines of March 1 for the fall semester and July 1 for the spring semester. Note that Dietetics is only offered once per year, with an application deadline of March 1. Applications may be obtained by calling (973) 972-5454 or by emailing shrpadm@shrp.rutgers.edu. For information contact Program Director Barbara Manger at (973) 972-4356. Once students are admitted, they are assigned an academic advisor from Rutgers, who will work with them on planning their academic programs.

BACHELOR OF SCIENCE IN HEALTH SCIENCES

Offered in conjunction with the Rutgers School of Health Professions.

The Bachelor of Science in Health Sciences (BSHeS) is a joint degree program with the Rutgers School of Health Professions (SHRP). The degree program is designed for students who are already in the allied health field. For most students, the core and area of study credits will be earned through Rutgers courses, which will be available both in the classroom and on the Internet. Those credits in general education, specialization and electives that are not complete at the time of enrollment may be completed using Thomas Edison State University's credit-earning options, particularly Guided Study and prior learning assessment (PLA). Students are required to complete at least 12 credits from Thomas Edison State University.

The program is specifically geared toward advancing and broadening the skills of health-related professionals prepared at the associate degree/certificate levels. Health-related professionals are entering a challenging era of practice as the healthcare delivery environment continues to change and grow. The new delivery systems and challenging demographics are creating new career opportunities for individuals in the healthcare field.

For complete credit information, please visit
<http://shrp.rutgers.edu/dept/IDS/bshsciences/program.html>.

Admission to Program

Prospective students must apply through Rutgers School of Health Professions, observing the application deadlines of March 1 for the fall semester and July 1 for the spring semester. Applications may be obtained from Rutgers by calling (973) 972-5454 or by emailing shrpadm@shrp.rutgers.edu. For information contact Program Director Cheryl Bellamy at (973) 972-8512. Once students are admitted, they are assigned an academic advisor from Rutgers, who will work with them on planning their academic programs.

BACHELOR OF SCIENCE DEGREE IN HOMELAND SECURITY AND EMERGENCY MANAGEMENT

The Bachelor of Science degree in Homeland Security and Emergency Management was established to provide students with a broad view of homeland security and emergency management issues focusing on policy considerations and aligning with the five National Preparedness System mission areas of prevention, protection, mitigation, response and recovery. Course work includes, but is not limited to homeland security, emergency management, law enforcement and business continuity issues. The program is intended for students who want to learn the fundamentals of homeland security and emergency management and prepares them for the day-to-day decision-making required in the post-9/11 era.

	Credits
I. General Education Requirements	60
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8-10
E. Mathematics	3
F. Electives	14-16
II. Area of Study	33
A. 18 credits of required courses including:	
Terrorism	3
Counterterrorism: Constitutional and Legislative Issues	3
Homeland Security: Preparedness, Prevention and Deterrence	3
Protecting the Homeland, Response and Recovery	3
Research Methods in the Social Sciences	3
Capstone in Homeland Security and Emergency Preparedness	3

- B. 15 credits of AOS Elective courses including:
- White Collar Crime (AOJ-303)
 - Victimology and Criminal Behavior (AOJ-381)
 - Public Policy, Crime and Criminal Justice (AOJ-484)
 - Management Information Systems (CIS-301)
 - Interpersonal Communications (COM-330)
 - Elements of Intercultural Communication (COM-335)
 - War and American Society (HIS-356)
 - Organizational Behavior (MAN-311)
 - International Relations I (POS-315)
 - Conflict in International Relations (POS-420)
 - Introduction to Social Psychology (PSY-370)
 - Introduction to Counseling (PSY-331)
 - Gangs (SOC-384)
 - Games People Play: Game Theory in Life, Business and Beyond (SOS-360)
 - Challenges in U.S. and Global Public Health (SOS-370)
 - Deliberative Democracy and Social Action (SOS-425)

III. Electives	27
Total	120 credits
Degree Requirements	
Critical Thinking for Homeland Security	3 credits
Cultural Diversity in the US	3 credits

How Students Earn Credit in the Concentration:
 All credits in this area of study may be completed with Thomas Edison State University courses and/or courses from other regionally accredited institutions. Prior learning assessment (PLA) and/or examinations may also be used.

BACHELOR OF SCIENCE IN HUMAN SERVICES

The Bachelor of Science in Human Services (BSHS) degree is designed for adults who work in select positions in human services areas preparing them for professional advancement or graduate studies. Students develop a professional track that matches their career experiences. To be admitted to the program and to complete the Capstone course, students must have current work experience in their professional track.

	Credits
I. General Education Requirements	60
A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8-10
E. Mathematics	3
F. General Education Electives	14-16
II. Area of Study in Human Services	54
A. Core Requirements	30
• Theoretical Foundation*	9
• Intervention* <i>(e.g., PSY-331 Intro Counseling)</i>	6
• Client Populations* <i>(e.g., PSY-350 Abnormal Psych.)</i>	6
• Management <i>(e.g., MAN-301 Prin. of Management)</i>	6
• Research Methods SOS-492	3
B. Professional Track (18 credits at the 300-400 level in one area of study)	18
C. Capstone Course	6
III. Electives	6
Total	120 credits

Learning Outcomes

Graduates of the Bachelor of Science in Human Services degree will have the ability to:

- > interpret and critically analyze the research in the professional track;
- > apply theory to professional practice;
- > apply knowledge of the specific skills, techniques and agencies necessary to serve client populations;
- > apply knowledge of cultural diversity as it relates to the field of human services; and
- > apply theories of management as it relates to human services.

Required Courses

Nine credits in Theoretical Foundation*, 6 credits in Intervention*, 6 credits in Client Populations*, 3 credits in research, 6 credits in management, 18 credits in professional track at the 300-400 level in one area of study such as administration of justice, child development services, community services, emergency disaster services, gerontology, health services, legal services, fitness and wellness or social services and a 6-credit Capstone course.

Degree Requirements

SOC-101 Introduction to Sociology	3 credits
PSY-101 Introduction to Psychology	3 credits
SOC-322 Cultural Diversity in the U.S.	3 credits

How Students Earn Credits in the Area of Study

Some courses in the area of study may be completed with Thomas Edison State University and/or courses from other colleges, prior learning assessment (PLA) and/or examinations may also be used.

**Theoretical Foundation courses include those pertaining to theory, knowledge and skills of the human services profession. Intervention courses include those which emphasize theory and knowledge bases for interventions and criteria for selection of appropriate interventions. Client Population courses include those which emphasize the range of populations served and needs addressed by human services professionals.*

BACHELOR OF SCIENCE IN MEDICAL IMAGING SCIENCES

Offered in conjunction with the Rutgers School of Health Professions.

The Bachelor of Science in Medical Imaging Sciences (BSMIS) is a joint degree program with the Rutgers School of Health Professions (SHRP). The degree program is designed for students who are already in the allied health field. For most students, the core and area of study credits will be earned through Rutgers courses, which will be available both in the classroom and on the Internet. Those credits in general education, specialization and electives that are not complete at the time of enrollment may be completed using Thomas Edison State College's credit earning options, particularly Guided Study or prior learning assessment (PLA). Students are required to complete at least 12 credits from Thomas Edison State University.

The program is specifically geared toward advancing and broadening the skills of health-related professionals prepared at the associate degree/certificate levels. Health-related professionals are entering a challenging era of practice as the healthcare delivery environment continues to change and grow. The new delivery systems and challenging demographics are creating new career opportunities for individuals in the healthcare field.

For complete credit information, please visit
shp.rutgers.edu/dept/med_imaging/index.html.

Admission to Program

Prospective students must apply through Rutgers School of Health Professions, observing the application deadlines of March 1 for the fall semester and July 1 for the spring semester. Applications may be obtained from Rutgers by calling (973) 972-5454 or by emailing shrpadm@shp.rutgers.edu. For information contact Program Director Carolyn Breen, EdD. at (973) 972-8512. Once students are admitted, they are assigned an academic advisor from Rutgers, who will work with them on planning their academic programs.

BACHELOR OF SCIENCE IN NURSING

The Bachelor of Science in Nursing (BSN) degree for RNs is designed for experienced nurses who want a quality education with the convenience and flexibility that an online program can offer. Policies are in place that allow for maximum credit transfer, multiple methods of credit earning and degree completion. The upper-division nursing requirements, which include three graduate courses (9 credits), are offered through online courses, include asynchronous online-mentored group discussions that provide the opportunity for RNs to share and learn from their varied experiences in healthcare settings throughout the country. On completion of the BSN degree program, graduates are prepared to practice as nurse managers and leaders, as providers of care and for continued study.

The BSN/MSN option (BSN and MSN) is designed for RNs who want to conserve time and money by pursuing both the Bachelor of Science in Nursing and the Master of Science in Nursing degree programs. The three graduate courses (9 credits) included in the BSN degree without additional tuition charge, apply to MSN degree requirements, and the student in the BSN/MSN option will continue on to complete the MSN degree without the need for an additional application. The BSN degree will be awarded on completion of all degree requirements to RNs pursuing the BSN/MSN option as well as those completing the BSN degree only.

The one-year Accelerated 2nd Degree BSN Program is designed for a limited number of adult learners with a non-nursing bachelor's degree who want to become registered nurses (RNs). On program completion, the graduates are prepared to take the National Council of Licensure Exam for Registered Nurses (NCLEX-RN). Admissions requirements and policies for the Accelerated 2nd Degree BSN Program, which differ from those for the BSN degree for RNs, are found on the University website at www.tesu.edu/2degreeBSN and in separate program materials.

I. General Education Requirements 60

A. Intellectual and Practical Skills	15
• Written Communication	6
• Oral Communication	3
• Quantitative Literacy	3
• Information Literacy	3
B. Civic and Global Learning	9
• Diversity	3
• Ethics	3
• Civic Engagement	3
C. Knowledge of Human Cultures	9
D. Understanding the Physical and Natural World	8-10
E. Mathematics	6
F. Electives	14-16

II. Area of Study Requirements 48

Professional Nursing Requirements

A. Lower Division/Credit for Prior Learning	20
B. Upper Division (TES)	28
Nursing Informatics (NUR-340)	3
Advancing Nursing Practice (NUR-342)	3
Advanced Health Assessment ** (NUR-516)	3
Research in Nursing (NUR-418)	3
Leadership and Management in Nursing (NUR-428)	3
Nursing Informatics: Concepts and Issues** (NUR-531)	3
Health Policy ** (NUR-529)	3
Public Health Nursing (NUR-443)	4
Validating Nursing Competence (NUR-445)	3

III. Electives (from lower division prior learning) 12

Total 120 credits

Degree Requirements:

Statistics	3
Ethics	3
Anatomy and Physiology I, II,	6
Microbiology	3

** Graduate level Courses

Note: Course descriptions, advisories and prerequisites for the upper-division nursing requirements can be found in this publication and on the University website at www.tesu.edu. It is the student's responsibility to satisfy all advisories and prerequisites prior to course registration.

Credits

General Education Requirements

While there are few subjects specified in general education requirements for the BSN degree, it is expected that all students in the BSN degree program will choose those subjects with content supportive to the discipline of nursing and those that prepare graduates for continued study. Subjects required of all BSN degree students are English composition (6 credits), mathematics (3 credits), anatomy and physiology (6 credits) and microbiology (3 credits). The anatomy and physiology, and microbiology requirements are generally satisfied by course work completed in the associate degree or diploma nursing program. If taken at a regionally accredited college or university, previously completed college-level English composition and mathematics courses will be accepted in transfer.

A strong foundation in both written communication and mathematics is essential for success in higher education. Advanced study and practice of nursing requires that RNs be proficient in communicating through writing in preparation for research and publication. Assessment of all major written assignments in both the undergraduate and graduate nursing courses at Thomas Edison State University will include the student's use of written skills as well as their knowledge of the subject matter. Students in the BSN degree program are encouraged to complete a course in statistics as part of the natural sciences/mathematics or general education elective requirements whenever possible to be prepared for graduate study. While not required in the Thomas Edison State University BSN degree program or for admission to the Thomas Edison State University MSN degree program, a course in statistics or a knowledge of statistics is strongly advised for one of the MSN degree requirements: Evidence-Based Nursing Practice, and is required for admission to many graduate nursing programs elsewhere.

Professional Nursing Component

Lower-Division Nursing

The 20-credit lower-division nursing requirement will be satisfied by transfer credit from an associate degree nursing program or by award of credit for diploma nursing program course work.

Upper-Division Nursing

The 28-credit upper-division nursing requirement may be completed entirely by online courses offered by the W. Cary Edwards School of Nursing. In addition to being offered as an online course, NUR-428 Leadership and Management in Nursing is also offered as a Leadership Exam. Three graduate courses, Health Policy; Nursing Informatics: Concepts and Issues; and Advanced Health Assessment will be completed by all BSN degree students as part of upper-division nursing requirements without additional charge. These 9 graduate credits will apply to MSN degree requirements at Thomas Edison State University, and graduates of the BSN degree program at Thomas Edison State University will then complete only 27 additional credits (nine courses) for the MSN degree. All information related to the nursing courses offered by the W. Cary Edwards School of Nursing may be found in this publication and on the University website at www.tesu.edu. Students interested in using examination, transfer credit or prior learning assessment (PLA) options for these online courses should first consult with the academic advisor for nursing.

Suggested Scheduling of Upper-Division Nursing Requirements

Students may schedule upper-division nursing requirement courses in any order as long as prerequisites are satisfied prior to course registration. NUR-445 Validating Nursing Competence must be taken as the last course in the BSN degree program as indicated by course prerequisites. See course descriptions for prerequisites.

Electives

Twelve credits of college-level course work or examinations that do not duplicate other credits may be used, with a maximum of 8 credits from physical education activity courses.

BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS

Offered in conjunction with Rutgers School of Health Professions

The Bachelor of Science in Nutrition and Dietetics (BSND) program is offered in collaboration with Rutgers School of Health Professionals (SHRP). The program is designed for those individuals who have earned previous degrees and/or course credits and wish to apply these to the foundational general educational requirements for the Bachelor of Science in Nutrition and Dietetics. Thomas Edison State University provides the foundational general education content that is prerequisite to the professional academic and fieldwork education delivered by Rutgers. The curriculum is designed to meet the qualifications of the Registered Dietitian (RD) credentials in accordance with the Accreditation Council for Education in Nutrition and Dietetics (ACEND).

For complete credit information, please visit shp.rutgers.edu/dept/nutr/BSND/degree.html.

BACHELOR OF SCIENCE IN ORGANIZATIONAL LEADERSHIP

The Bachelor of Science in Organizational Leadership (BSOL) degree is composed of a curriculum that ensures college-level competence in business and the arts and sciences. The BSOL degree provides ample opportunities for prior learning to be recognized and used in meeting many, if not all, of its degree requirements. Thomas Edison State University offers the BSOL degree with an emphasis in leadership foundation and advanced leadership areas of specialization.

		Credits
I. General Education Requirements		60
A. Intellectual and Practical Skills		15
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
• Information Literacy	3	
B. Civic and Global Learning		9
• Diversity	3	
• Ethics	3	
• Civic Engagement	3	
C. Knowledge of Human Cultures		9
D. Understanding the Physical and Natural World		4-7
E. Mathematics		3
F. Electives		17-20
II. Leadership Foundations		12
A. Organizational Behavior	3	
B. Foundations of Leadership	3	
C. Leading Organizational Change	3	
D. Leadership Communication	3	
III. Advanced Leadership: Areas of Specialization		24
A. Required Courses (select 12 credits)	12	
• Change Management		
• Project Management		
• Advanced Organizational Management		
• Leadership in a Global Environment		
• Nonprofit Leadership		
• Principles of Management		
• Leaders in History		
B. Additional advanced leadership and management electives	9	
C. Leadership Practicum	3	
IV. Supportive Leadership Courses		12
• Economics	3	
• Business/Managerial Communications	3	
• Organizational Theory	3	
• Computer Concepts	3	
V. Business Electives		6
VI. Electives		6
Total		120 credits

Degree Requirements

To attain the BSOL degree, the student must earn 120 credits distributed as follows:

General Education (60 credits)

Leadership Foundations (12 credits)

Core courses that represent the foundation that support organizational leadership.

Advanced Leadership Areas of Specialization (24 credits)

The component of the degree that focuses on organizational leadership and management in an in-depth way.

Supportive Leadership Courses (12 credits)

Students pursuing the BSOL are required to take these courses that support the foundation of Organizational Leadership.

Business Electives (6 credits)

Business electives may include subjects related to the student's area of study or can be any business related subjects.

Electives (6 credits)

The elective category may be satisfied by almost any college credits. Academic policies should be reviewed for limitation of credits.

Outcomes - Based General Education

Thomas Edison State University's institutional outcomes are closely mapped to the Essential Learning Outcomes (LEAP Outcomes) as documented by the Association of American Colleges and Universities (www.aacu.org/leap).

All Thomas Edison State University students who graduate from bachelor's degree programs will complete 60 semester hour credits of general education, by demonstrating general education competencies and completing general education electives, taken directly from the LEAP Outcomes (www.aacu.org/leap). Some of these credits must fulfill specific category requirements and others allow you to tailor your general education experience to your own needs and interests. The categories include intellectual and practical skills with institutional outcomes in communication, information literacy, quantitative literacy, and technological competency; human cultures and the physical and natural world through study in areas including the sciences and mathematics, social sciences, humanities, histories, languages and the arts. Knowledge of personal and social responsibility with institutional outcomes in diversity/global literacy and responsible global leadership and lifelong learning and integrative and applied learning, including synthesis and advanced accomplishment across general and specialized studies (integrated throughout general education and Capstone courses) are also included.

BACHELOR OF SCIENCE IN PROFESSIONAL STUDIES

The Bachelor of Science in Professional Studies is a 120-credit program that enables students to maximize transfer credits completed at regionally accredited institutions and complete a bachelor's degree without sacrificing any professional and personal obligations. Students benefit from a concentration in interdisciplinary knowledge that is designed to make them successful within any vocation. In addition to taking online courses, students can earn credit for what they already know through prior learning assessment.

The program offers both required and elective courses to satisfy students' individual learning interests. Course work provides a solid grounding in relevant academic theory, applied practice, and policy-making. Students complete course work in a prescribed order culminating with a capstone project. The program is attractive to professionals who possess a two-year degree and those looking for a business or management program where transfer credits can be applied.

		Credits
I. General Education Requirements		60
A. Intellectual and Practical Skills		15
• Written Communication	6	
• Oral Communication	3	
• Quantitative Literacy	3	
• Information Literacy	3	
B. Civic and Global Learning		9
• Diversity	3	
• Ethics	3	
• Civic Engagement	3	
C. Knowledge of Human Cultures		9
D. Understanding the Physical and Natural World		8-10
E. Mathematics*		3
F. Electives		14-16

Credits

Area of Study/Specialization Requirements

II. Professional Studies Requirements 30

A minimum of 15 credits must be taken at the 300/400 level

Select Track A OR B below:

A. Professional Career Track (30)

Some courses listed as applicable toward the professional career track may also be applicable toward general education or other degree requirements. If a course is used toward another degree requirement, it WILL NOT apply toward this area. Select 10 courses from the following areas:

Leadership

- Foundations of Leadership (LDR-305)
- Leadership Communication (MAN-376)
- Leading Organizational Change (LDR-345)
- Ethics and the Business Professional (PHI-384)
- Industrial Psychology (PSY-363)

Supervision

- Principles of Sales (MAR-310)
- Introduction to Marketing (MAR-301)
- Negotiations and Conflict Management (NEG-401)
- Cultural Diversity in the United States (SOC-322)
- Customer Service a Practical Approach (APS-302)

Communication

- Interpersonal Communication (COM-330)
- Elements of Intercultural Communication (COM-335)
- Leadership Communication (MAN-376)
- Managerial Communications (MAN-373)
- Creating and Implementing Electronic Enterprise (MAR-306)

Organizational

- Leadership in a Global Environment (LDR-422)
- International Management (MAN-372)
- Marketing with Digital and Social Media (MAR-441)
- Organizational Theory (PSY-360)
- Change Management (MAN-415)

OR

B. Specialized Career Track (30)

Select 5 courses from the Professional Career Track above AND 5 courses/15 credits of Specialized Career Courses:

Paralegal/Legal Studies

Police Science/Homeland Security/Criminal Justice

Military Studies/Military Science

Office Systems Technology/Executive Assistant

Health Services: Dental Hygiene/Sonography/ Respiratory Therapy/Radiation Therapy/etc.

Real Estate

Mortuary Science

Business: Accounting/Retail Management/Fashion/Sports Management/etc.

Drafting

Culinary Arts/Hospitality

**This list of subjects is offered as a guide. Other subjects may also be considered appropriate for this major area of study. Please consult Academic Advising to inquire about additional subject areas.*

III. Associated Professional Studies Courses**18**

Select from A OR B below:

A. Professional Undergraduate Certificate (18)

- Human Resources Management
- Marketing
- Organizational Leadership
- Finance

OR**B. Supportive Professional Studies Courses (18)**

A maximum of 6 credits can be taken in each discipline

**Some courses listed as applicable toward supportive professional studies may also be applicable toward general education or other degree requirements. If a course is used toward another degree requirement, it WILL NOT apply toward this area.*

Business

- Personal Finance for 2000 and Beyond (BUE-101)
- Fundraising for Nonprofits (FDR-440)
- Introduction to Entrepreneurship (MAN-230)
- Introduction to Marketing (MAR-301)
- Principles of Sales (MAR-310)

Information Technology

- System Analysis and Design I (CIS-320)
- Fundamentals of Information Technology (CMP-202)

Philosophy

- Contemporary Ethics (PHI-286)
- Philosophy of Religion (PHI-370)
- Ethics and the Business Professional (PHI-384)

Psychology

- Developmental Psychology (PSY-211)
- Psychology of Personality (PSY-352)
- Introduction to Social Psychology (PSY-370)
- Social Psychology (PSY-379)

Social Science

- Self-Assessment and Career Exploration (SOS-150)
- The Management of Stress and Tension (SOS-320)
- Games People Play: Game Theory in Life, Business and Beyond (SOS-360)
- Deliberative Democracy and Social Action (SOS-425)
- Introduction to Anthropology (ANT-101)
- White Collar Crime (AOJ-303)

Sociology

- Introduction to Sociology (SOC-101)
- Cultural Diversity in the United States (SOC-322)
- Complex Organizations (SOC-361)
- Sociology of Work (SOC-362)
- Modern Sociological Foundations (SOC-387)

IV. Professional Studies Capstone**3****V. Electives****3**

**MAT-105 Applied Liberal Arts Math or above*

UNDERGRADUATE CERTIFICATES

www.tesu.edu/academics/Undergrad-Certificates.cfm

Undergraduate certificates are 18-credit programs that provide students with a solid foundation in a chosen area of study, or major, and are designed to transfer into a degree program at Thomas Edison State University.

NOTE: Application of certificate credits to a degree program is subject to the degree program's specific requirements.

Students may select from the following undergraduate certificate programs:

- › Undergraduate Certificate in Accounting
- › Undergraduate Certificate in Communications
- › Undergraduate Certificate in Computer Information Systems
- › Undergraduate Certificate in Computer Science
- › Undergraduate Certificate in Criminal Justice
- › Undergraduate Certificate in Dental Assisting*
- › Undergraduate Certificate in Electronics
- › Undergraduate Certificate in Finance
- › Undergraduate Certificate in Health and Wellness
- › Undergraduate Certificate in Gas Distribution**
- › Undergraduate Certificate in General Management
- › Undergraduate Certificate in Human Resources Management
- › Undergraduate Certificate in Labor Studies
- › Undergraduate Certificate in Marketing
- › Undergraduate Certificate in Operations Management
- › Undergraduate Certificate in Organizational Leadership
- › Undergraduate Certificate in Polysomnography
- › Undergraduate Certificate in Psychology

* 33-credit program

** 15-credit program

NOTE: For nondegree enrolled students, at least 50 percent of the credits required for an undergraduate or a graduate certificate must be earned at Thomas Edison State University. Application of any transferred credits is at the discretion of the dean.

NONCREDIT PROGRAMS

www.tesu.edu/watson/noncredit.cfm

Thomas Edison State University offers professional certificates and other noncredit courses that prepare students for a wide variety of professions in the fastest growing industries and meet the needs of large and small organizations through customized training.

Students in these programs are often juggling the competing demands of job, family and education and the myriad complexities of daily life. For this reason, the successful students are self-directed and prefer an online learning environment.

Noncredit certificates and courses run the gamut from totally self-paced to more traditional distance learning courses.

Self-paced courses are taken at the student's convenience and at his/her own speed. Most self-paced courses display information in discrete modules that allows students to digest the information in bite-size chunks. In this way, students progress through the material in an independent fashion with minimal resort to help from a content expert. In addition, students can repeat lessons as often as necessary, reinforcing the material until the students have a solid understanding of it.

In the more traditional, distance-learning courses, a greater premium is placed upon the interaction between mentor and student and exchanges between students themselves. Here students can expect to participate in forums and online discussion groups, but with a fully engaged mentor serving as an educational guide.

For more information, please contact us at (609) 777-5642, ext. 2217, or via email at admissions@tesu.edu.

UNDERGRADUATE CERTIFICATES

Undergraduate certificates are 18-credit programs, unless otherwise noted, that provide students with a solid foundation in a chosen area of study or major, and are designed to transfer into a degree program at Thomas Edison State University. For nonenrolled students, at least 50 percent of the credits required for an undergraduate or a graduate certificate must be earned at Thomas Edison State University. Application of any transferred credits is at the discretion of the dean. Note: Application of certificate credits to a degree program is subject to the degree programs specific requirements. Students may select from the following undergraduate certificate programs:

Undergraduate Certificate in Accounting

Principles of Financial Accounting	3
Principles of Managerial Accounting	3
Intermediate Accounting I	3
Intermediate Accounting II	3

Students select **6 credits** from the following:

> Advanced Financial Accounting	3
> Tax Accounting/Federal Income Taxation	3
> Cost Accounting	3

TOTAL 18 CREDITS

Undergraduate Certificate in Computer Information Systems

Introduction to Computer Information Systems OR	
Computer Concepts and Applications	3
Management Information Systems	3
Programming Languages	6

Students select **6 credits** from the following:

> Computer Organization	3
> Computer Security and Information Theory	3
> Database Management	3
> Data Center Management	3
> Data Communications Systems	3
> Information Systems using Microcomputers	3
> System Analysis and Design	3
> Operating Systems	3
> Operations Research	3

TOTAL 18 CREDITS

Undergraduate Certificate in Computer Science

Computer Programming Language	3
Computer Architecture	3
Data Structures	3

Students select **9 credits** from the following:

> Artificial Intelligence	3
> Assembly Language Programming	3
> Computer Programming Languages	3
> Database Design	3
> Numerical Analysis	3
> Operating Systems	3
> Simulation	3

TOTAL 18 CREDITS

Undergraduate Certificate in Communications

Intro to Mass Communications I	3
Intro to Mass Communications II	3
Communication in the Digital Age	3
Interpersonal Communication	3
Elements of Intercultural Communication	3
The Story of Human Language OR	
Managerial Communication OR	
Leadership Communication	3
TOTAL	18 CREDITS

Undergraduate Certificate in Criminal Justice

Intro to Criminal Justice	3
Forensic Science	3
Criminology	3
Victimology and Criminal Behavior	3
Criminal Law	3
White Collar Crime OR	
American Juvenile Justice System OR	
Public Policy, Crime and Criminal Justice	3
TOTAL	18 CREDITS

Undergraduate Certificate in Dental Assisting*

*Program is jointly sponsored by Rutgers, The State University of New Jersey, and Thomas Edison State University.

For complete credit information, please visit <http://shrp.rutgers.edu/dept/alliedental/da/index.html>

Undergraduate Certificate in Electronics

AC/DC Circuits	3
Basic Electronics	3
Digital Electronics	3

Students select **9 credits** from the following:

> Automatic Control Systems	3
> Electromagnetic Devices and Machines	3
> Industrial Electronics	3
> Microprocessors	3
> Robotics and Automation	3
> Solid State Theory-Analog Electronics	3

TOTAL 18 CREDITS

Undergraduate Certificate in Finance

Corporate Finance or International Economics	3
Financial Institutions and Markets	3
Security Analysis and Portfolio Management	3

Students select **9 credits** from the following:

- > Advanced Security Analysis and Portfolio Management 3
- > International Finance and Trade 3
- > Principles of Finance 3
- > Public Finance 3
- > Risk Management 3

TOTAL 18 CREDITS

Undergraduate Certificate in Health and Wellness Services

The Science of Nutrition	3
Women's Health	3
Men's Health	3
Biomechanics of Exercise OR	
Kinesiology	3
Biological Aspects of Aging	3
Individual Assessment Fitness and Wellness OR	
Principles and Programs for Fitness and Wellness Services	3

TOTAL 18 CREDITS

Undergraduate Certificate in Gas Distribution

Gas Combustion	3
Gas Distribution	3
Regulatory Policies and Procedures	3
Applied Economic Analysis	3
Principles of Management	3
Occupational Health and Safety	3

TOTAL 18 CREDITS

Note: Learners without energy utility experience are suggested to complete Energy Utility Industry (EUT-201) prior to starting the certificate for industry background.

Undergraduate Certificate in General Management

Principles of Management	3
Change Management	3
Negotiations and Conflict Management	3
Organizational Theory	3
Industrial Psychology	3
Managerial Communications	3

TOTAL 18 CREDITS

Undergraduate Certificate in Human Resources Management

Human Resources Management	3
Change Management	3
Organizational Behavior	3
Sociology of Work	3
Interpersonal Communications	3
Business Law	3

TOTAL 18 CREDITS

Undergraduate Certificate in Labor Studies

History of Labor Movement	3
Principles of Management	3
Human Resources Management	3

Students select **6 credits** from the following:

- > Civil Rights and Labor 3
- > Contemporary Labor Issues 3
- > Labor Law 3
- > Minorities in the Labor Force 3
- > Trade Union Structure and Administration 3
- > Women in the Labor Force 3

TOTAL 18 CREDITS

Undergraduate Certificate in Marketing

Introduction to Marketing	3
Marketing Research	3
Marketing Communications	3

Students select **9 credits** from the following:

- > Advertising 3
- > Channels of Distribution 3
- > Marketing Management Strategy 3
- > Sales Management 3
- > Principles of Sale 3

TOTAL 18 CREDITS

Undergraduate Certificate in Operations Management

Operations Management	3
Introduction to Business OR Computer Information Systems	3
Management Information Systems	3

Students select **9 credits** from the following:

- > Total Quality Management 3
- > Logistics 3
- > Supply Chain Management 3
- > Statistics 3

TOTAL 18 CREDITS

Undergraduate Certificate in
Organizational Leadership

Principles of Management	3
Foundations of Leadership	3
Organizational Behavior	3
Leading Organizational Change	3
Leadership Communication	3

Students select **one 3-credit elective** from the following:

> Change Management	3
> Leaders in History	3
> Nonprofit Leadership	3
> Leadership in the Global Environment	3
> Advanced Organizational Management	3
> Project Management	3

TOTAL **18 CREDITS**



Undergraduate Certificate in Polysomnography

Requirements

> Theoretical Fundamentals of Polysomnography	3
> Clinical Fundamentals of Polysomnography	6
> Polysomnography Instrumentation Theory	3
> Therapeutic Interventions and Clinical Patient Management	4
> Medical Terminology	1

TOTAL **17 CREDITS**

Note: Before beginning either clinical course, Clinical Fundamentals of Polysomnography or Therapeutic Interventions and Clinical Patient Management, the student must have passed a drug screen, a criminal background check and a required health screen.



PROFESSIONAL CERTIFICATES (NONCREDIT)

JOHN S. WATSON SCHOOL OF PUBLIC SERVICE AND CONTINUING STUDIES

Continuing Studies Mission and Purpose:

Noncredit certificates and courses offered by the John S. Watson School of Public Service and Continuing Studies are designed to reach diverse communities throughout New Jersey, the region, the nation and the world, and help adults to prepare for career changes, professional advancement, test preparation, skills acquisition, business training and various professional certifications. With an emphasis on access and opportunity, the School truly believes that lifelong learning empowers both the individual and the community.

Certificates and Courses

Fitness Training and Fitness Management

- > Fitness Business Management**
- > Personal Fitness Training**
- > Personal Fitness Training-Advanced**
- > Personal Training and Group Exercise Training for Older Adults**
- > Women's Exercise Training and Wellness**
- > Certified Posture Specialist**

Nutrition

- > Nutrition for Optimal Health, Wellness and Sports**
- > Family Nutrition**
- > Functional Family Nutrition**
- > School Nutrition and Wellness**

Human Resources

- > Workforce Career Coach Facilitator***

Teaching

- > Introduction to the Teaching Profession*

Professional Continuing Education for Social Workers, Addiction Counselors and Mental Health Specialists

- > Fetal Alcohol Spectrum Disorder*

Nonprofit Management

- > Grantsmanship for Nonprofits*
- > ABC's of Not-For-Profit Accounting*
- > Managing Volunteers*
- > The Role of Nonprofit Boards*
- > Fundraising for Nonprofits*

Cybersecurity and Counterterrorism

- > Cybersecurity**
- > Counterterrorism Intelligence**

Building/Construction Management

- > General Building Code*
- > Construction Management**

Business

- > Entrepreneurship **

Radiation Safety

- > Radiation Safety Officer

* Indicates a certificate of successful completion
** Indicates a Thomas Edison State University certificate
*** Indicates certification through a professional organization

WHAT YOU CAN STUDY

www.tesu.edu/academics/What-You-Can-Study.cfm

From accounting and sociology to criminal justice and nursing, students can concentrate in more than 100 areas of study to complete their degrees. In addition, students can earn undergraduate and graduate certificates as well as noncredit professional certificates. The following alphabetical list tells students:

- > The area of study they can choose
- > The type of degree or certificate they can earn

A

ACCOUNTING

- > Bachelor of Science in Business Administration
- > Master of Science in Management
- > Undergraduate Certificate

ACCOUNTING/CPA

- > Bachelor of Science in Business Administration
- > Master of Science in Management

ADMINISTRATIVE STUDIES

- > Associate in Applied Science

ALLIED DENTAL EDUCATION*

- > Bachelor of Science in Health Sciences

AIR TRAFFIC CONTROL*

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology

ANTHROPOLOGY

- > Bachelor of Arts

APPLIED COMPUTER STUDIES

- > Associate in Applied Science

APPLIED ELECTRONIC STUDIES

- > Associate in Applied Science

APPLIED HEALTH STUDIES

- > Associate in Applied Science

ART

- > Bachelor of Arts

AVIATION FLIGHT TECHNOLOGY*

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology

AVIATION MAINTENANCE TECHNOLOGY*

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology

AVIATION MANAGEMENT*

- > Bachelor of Science in Applied Science and Technology

AVIATION SUPPORT*

- > Associate in Applied Science

**Programs require professional license and/or certification.*

B

BIOLOGY

- > Associate in Science in Natural Sciences and Mathematics
- > Bachelor of Arts

BIOMEDICAL ELECTRONICS

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology

BUSINESS ADMINISTRATION

- > Associate in Science in Business Administration
- > Bachelor of Science in Business Administration
- > Master of Business Administration

C

CAREER COACHING

- > Professional Certificate (Workforce Career Coach Facilitator - noncredit)

CLINICAL LABORATORY SCIENCE

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology

CLINICAL TRIALS MANAGEMENT

- > Master of Science in Applied Science and Technology
- > Graduate Certificate

COMMUNICATIONS

- > Bachelor of Arts
- > Undergraduate Certificate
- > Master of Arts in Liberal Studies
- > Graduate Certificate

COMMUNITY AND ECONOMIC DEVELOPMENT

- > Master of Science in Management
- > Master of Public Service Leadership

COMPUTER INFORMATION SYSTEMS

- > Bachelor of Science in Business Administration
- > Undergraduate Certificate

COMPUTER AND INFORMATION TECHNOLOGY

- > Associate in Science in Applied Science and Technology

COMPUTER SCIENCE

- > Associate in Science in Natural Sciences and Mathematics
- > Bachelor of Arts
- > Undergraduate Certificate

CONSTRUCTION

- > Bachelor of Science in Applied Science and Technology

CONSTRUCTION AND FACILITIES SUPPORT

- > Associate in Applied Science

CRIMINAL JUSTICE

- > Associate in Applied Science
- > Bachelor of Arts

CYBERSECURITY

- › Bachelor of Science
- › Master of Science in Information Technology
- › Graduate Certificate

D

DATA ANALYTICS

- › Bachelor of Science
- › Master of Business Administration

DENTAL ASSISTANT*

- › Undergraduate Certificate

DENTAL HYGIENE*

- › Associate in Applied Science
- › Bachelor of Science in Applied Science and Technology

**Programs require professional license and/or certification.*

E

EDUCATIONAL LEADERSHIP

- › Master of Arts in Educational Leadership
- › Graduate Certificate

ELECTRICAL TECHNOLOGY

- › Associate in Science in Applied Science and Technology
- › Bachelor of Science in Applied Science and Technology

ELECTRICAL/MECHANICAL SYSTEMS AND MAINTENANCE

- › Associate in Applied Science

ELECTRONICS ENGINEERING TECHNOLOGY

- › Associate in Science in Applied Science and Technology

ELECTRONICS SYSTEMS ENGINEERING TECHNOLOGY

- › Bachelor of Science in Applied Science and Technology

ELECTRONICS

- › Undergraduate Certificate

ENERGY SYSTEMS TECHNOLOGY

- › Bachelor of Science in Applied Science and Technology

ENGLISH

- › Bachelor of Arts

ENTREPRENEURSHIP

- › Bachelor of Science in Business Administration

ENVIRONMENTAL POLICY/ ENVIRONMENTAL JUSTICE

- › Master of Science in Management
- › Master of Public Service Leadership

ENVIRONMENTAL, SAFETY AND SECURITY TECHNOLOGIES

- › Associate in Applied Science

ENVIRONMENTAL STUDIES

- › Bachelor of Arts

F

FINANCE

- › Bachelor of Science in Business Administration
- › Master of Business Administration
- › Undergraduate Certificate

FOREIGN LANGUAGE

- › Bachelor of Arts

FUNDRAISING AND DEVELOPMENT

- › Graduate Certificate

G

GAS DISTRIBUTION

- › Undergraduate Certificate

GENERAL MANAGEMENT

- › Bachelor of Science in Business Administration
- › Master of Science in Management
- › Undergraduate Certificate

GENERAL STUDIES

- › Associate in Arts

H

HEALTH ADVOCACY

- › Bachelor of Science in Health Sciences

HEALTH INFORMATION MANAGEMENT

- › Bachelor of Science in Health Information Management

HEALTH SERVICES MANAGEMENT AND EDUCATION

- › Bachelor of Science in Health Sciences

HEALTH SERVICES TECHNOLOGY

- › Bachelor of Science in Applied Science and Technology

HEALTH AND WELLNESS

- › Undergraduate Certificate

HEALTHCARE MANAGEMENT

- › Bachelor of Science in Business Administration
- › Master of Business Administration

HISTORY

- › Bachelor of Arts

HOMELAND SECURITY

- › Bachelor of Science
- › Master of Science in Homeland Security
- › Graduate Certificate

HUMAN RESOURCES MANAGEMENT/ORGANIZATIONAL MANAGEMENT

- › Bachelor of Science in Business Administration

HUMAN RESOURCES MANAGEMENT

- › Master of Science in Human Resources Management
- › Master of Business Administration
- › Undergraduate Certificate
- › Graduate Certificate

HUMAN SERVICES

- › Associate in Arts in Human Services
- › Bachelor of Science in Human Services

I

IMAGING SCIENCES (advanced)*

- › Bachelor of Science in Health Sciences

INFORMATION TECHNOLOGY

- › Associate in Science in Applied Science and Technology
- › Bachelor of Science in Applied Science and Technology
- › Master of Science in Information Technology

- > Master of Science in Applied Science and Technology
- > Master of Science in Management (Information and Technology for Public Service)
- > Master of Public Service Leadership (Information and Technology for Public Service)

INTERNATIONAL BUSINESS

- > Bachelor of Science in Business Administration

INTERNATIONAL STUDIES

- > Bachelor of Arts in International Studies

**Program requires professional license and/or certification.*

L

LABOR STUDIES

- > Bachelor of Arts
- > Undergraduate Certificate

LIBERAL ARTS/LIBERAL STUDIES

- > Associate in Arts
- > Bachelor of Arts
- > Master of Arts in Liberal Studies

M

MANAGEMENT

- > Bachelor of Science in Business Administration (General Management)
- > Master of Science in Management

MARKETING

- > Bachelor of Science in Business Administration
- > Master of Business Administration
- > Undergraduate Certificate

MATHEMATICS

- > Associate in Science in Natural Sciences and Mathematics
- > Bachelor of Arts

MECHANICS AND MAINTENANCE

- > Associate in Applied Science

MEDICAL IMAGING*

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology
- > Bachelor of Science in Medical Imaging Science

MULTIDISCIPLINARY TECHNOLOGY

- > Associate in Applied Science

MILITARY TECHNOLOGY LEADERSHIP

- > Associate in Applied Science
- > Bachelor of Science in Applied Science and Technology

MUSIC

- > Bachelor of Arts

**Program requires professional license and/or certification.*

N

NONPROFIT MANAGEMENT

- > Master of Science in Management
- > Master of Public Service Leadership

NUCLEAR ENERGY ENGINEERING TECHNOLOGY*

- > Bachelor of Science in Applied Science and Technology

NUCLEAR ENERGY TECHNOLOGY MANAGEMENT

- > Master of Science in Applied Science and Technology

NUCLEAR ENGINEERING TECHNOLOGY*

- > Associate in Science in Applied Science and Technology
- > Bachelor of Science in Applied Science and Technology

NUCLEAR MEDICINE TECHNOLOGY*

- > Bachelor of Science in Applied Science and Technology

NURSE EDUCATOR*

- > Master of Science in Nursing
- > Graduate Certificate

NURSING*

- > Bachelor of Science in Nursing (RN to BSN/MSN)
- > Bachelor of Science in Nursing (Accelerated 2nd Degree BSN - for non-nurses)
- > Master of Science in Nursing
- > Doctor of Nursing Practice (DNP)
- > Graduate Certificates

NURSING ADMINISTRATION*

- > Master of Science in Nursing
- > Graduate Certificate

NURSING INFORMATICS*

- > Master of Science in Nursing
- > Graduate Certificate

NUTRITION & DIETETICS*

- > Bachelor of Science in Nutrition and Dietetics

**Programs require professional license and/or certification.*

O

OCCUPATIONAL THERAPY ASSISTANT

- > Associate in Science

ONLINE LEARNING AND TEACHING

- > Graduate Certificate

OPERATIONS MANAGEMENT

- > Bachelor of Science in Business Administration
- > Undergraduate Certificate

ORGANIZATIONAL LEADERSHIP

- > Bachelor of Science in Organizational Leadership
- > Master of Science in Management
- > Undergraduate Certificate
- > Graduate Certificate

P

PERSONAL FITNESS TRAINING

- > Professional Certificate (Noncredit)

PHILOSOPHY

- > Bachelor of Arts

PHOTOGRAPHY

- > Bachelor of Arts

POLITICAL SCIENCE

- › Bachelor of Arts

POLYSOMNOGRAPHY

- › Associate in Applied Science
- › Undergraduate Certificate

PROFESSIONAL STUDIES

- › Bachelor of Science

PROJECT MANAGEMENT

- › Master of Science in Management
- › Graduate Certificate

PSYCHOLOGY

- › Bachelor of Arts
- › Undergraduate Certificate

PUBLIC AND MUNICIPAL FINANCE

- › Master of Science in Management
- › Master of Public Service Leadership

PUBLIC HEALTH/PUBLIC POLICY

- › Master of Science in Management
- › Master of Public Service Leadership

PUBLIC SERVICE LEADERSHIP

- › Master of Public Service Leadership
- › Master of Science in Management

**Program requires professional license and/or certification.*

R

RADIATION PROTECTION*

- › Associate in Science in Applied Science and Technology
- › Bachelor of Science in Applied Science and Technology

RADIATION PROTECTION/ HEALTH PHYSICS

- › Bachelor of Science in Applied Science and Technology

RADIATION THERAPY*

- › Associate in Applied Science and Technology
- › Bachelor of Science in Applied Science and Technology

RELIGION

- › Bachelor of Arts

RESPIRATORY CARE

- › Bachelor of Science in Applied Science and Technology

**Programs require professional license and/or certification.*

S

SOCIOLOGY

- › Bachelor of Arts

STRATEGIC PLANNING AND BOARD LEADERSHIP FOR NONPROFITS

- › Graduate Certificate

T

TECHNICAL STUDIES

- › Associate in Science in Applied Science and Technology
- › Bachelor of Science in Applied Science and Technology
- › Master of Science in Applied Science and Technology

THEATER ARTS

- › Bachelor of Arts

DEGREE-EARNING APPROACHES

www.tesu.edu/academics/Degree-Earning-Approaches.cfm

Thomas Edison State University has developed three different approaches that enable students to complete their degrees: Conventional, Credentialed or Hybrid.

CONVENTIONAL

Students complete all their degree requirements through courses and exams offered by Thomas Edison State University. Learn which degrees you can attain through the Conventional approach on Page 89.

CREDENTIALED

Students complete all their degree requirements through courses and exams offered by Thomas Edison State University, but are in degree programs that require previously earned professional licenses and certifications. Learn which degrees you can attain through the Credentialed approach on Page 89.

HYBRID

Students complete these degree programs by taking both Thomas Edison State University courses and classes or other credit-earning courses at institutions other than Thomas Edison State University. (Students are responsible for tuition and fees incurred at these other institutions. We cannot guarantee the availability of independent study courses at other colleges). Learn which degrees you can attain through the Hybrid approach on Page 90.

CONVENTIONAL APPROACH

www.tesu.edu/academics/Conventional-Approach.cfm

Through the conventional approach, students can complete their degree programs entirely using courses and exams offered by Thomas Edison State University.

AREA OF STUDY DEGREES OFFERED

Heavin School of Arts and Sciences

Communications	BA
Computer Science	ASNSM, BA
Criminal Justice	AAS
English	BA
History	BA
International Studies	BA
Liberal Studies	AA, BA, MALS
Mathematics	ASNSM, BA
Psychology	BA
Sociology	BA

School of Applied Science and Technology

Applied Computer Studies	AAS
Applied Electronic Studies	AAS
Clinical Trials Management	MSAST
Computer and Information Technology	ASAST
Electronics Engineering Technology	ASAST
Electronics Systems Engineering Technology	BSAST
Information Technology	BSAST, MSIT
Nuclear Energy Engineering Technology	BSAST
Nuclear Energy Technology	ASAST, BSAST
Nuclear Energy Technology Management	MSAST
Technical Studies	BSAST, MSAST

School of Business and Management

Accounting	BSBA, MSM
Accounting for CPAs	BSBA
Business Administration	ASBA, MBA
Computer Information Systems	BSBA
Data Analytics	MBA
Entrepreneurship	BSBA

Finance	BSBA, MBA
General Management	BSBA
Human Resources Management/ Organizational Management	BSBA
Marketing	BSBA, MBA
Operations Management	BSBA
Organizational Leadership	BSOL, MSM
Project Management	MSM

W. Cary Edwards School of Nursing

Accelerated 2nd Degree BSN Program	BSN
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John S. Watson School of Public Service and Continuing Studies

Community and Economic Development	MSM, MPSL
Environmental Policy/ Environmental Justice	MSM, MPSL
Homeland Security	MSHS
Homeland Security and Emergency Management	BS
Information Technology Management for Public Service	MSM, MPSL
Nonprofit Management	MSM, MPSL
Public and Municipal Finance	MSM, MPSL
Public Health	MSM, MPSL
Public Service Administration and Leadership	MSM

CREDENTIALLED APPROACH

www.tesu.edu/academics/Credentialed-Approach.cfm

Through the credentialed approach, students can complete their degree programs entirely using courses and exams offered by Thomas Edison State University but require previously earned professional certifications and licenses, or specialized training.

AREA OF STUDY DEGREES OFFERED

W. Cary Edwards School of Nursing

Nursing	BSN, MSN
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HYBRID APPROACH

www.tesu.edu/academics/Hybrid-Approach.cfm

Through the Hybrid approach, students complete these degree programs by taking both Thomas Edison State University courses and classes or other credit-earning courses at institutions other than Thomas Edison State University. (Students are responsible for tuition and fees incurred at these other institutions. The University cannot guarantee the availability of independent study courses at other colleges.)

AREA OF STUDY DEGREES OFFERED

Heaven School of Arts and Sciences

Anthropology	BA
Art	BA
Biology	BA, ASNSM
Criminal Justice	BA
Environmental Studies	BA
Foreign Language	BA
History	BA
Labor Studies	BA
Music	BA
Philosophy	BA
Photography	BA
Political Science	BA
Religion	BA
Theater Arts	BA

School of Applied Science and Technology

Administrative Studies	AAS
Air Traffic Control*	ASAST, BSAST
Allied Dental Education*, **	BShES
Applied Health Studies	AAS
Aviation Flight Technology*	ASAST, BSAST
Aviation Management	BSAST
Aviation Maintenance Technology*	ASAST, BSAST
Aviation Support	AAS
Biomedical Electronics	ASAST, BSAST
Clinical Laboratory Science	ASAST, BSAST
Construction	BSAST
Construction and Facility Support	AAS
Dental Hygiene*	BSAST
Dietetic Science*, **	BShES
Electrical/Mechanical Systems and Maintenance	AAS

Electrical Technology	ASAST
Environmental Safety and Security Technologies	AAS
Health Information Management**	BS
Health Services Management and Education*, **	BShES
Health Services Technology	BSAST
Imaging Sciences*, **	BShES
Mechanics and Maintenance	AAS
Medical Imaging*	ASAST, BSAST
Medical Imaging Sciences**	BS
Military Technology Leadership***	AAS, BSAST
Multidisciplinary Technology	AAS
Nuclear Medicine Technology*	BSAST
Nutrition and Dietetics	BS
Occupational Therapy**	AAS
Radiation Protection*	ASAST, BSAST
Radiation Therapy**	ASAST, BSAST

School of Business and Management

Hospital Healthcare Administration	BSBA
International Business	BSBA

* Degree program requires previously earned professional licenses and/or certifications

** Open to Rutgers students only. Joint degree with Rutgers School of Health Professions

*** This option is only available to current military personnel and veterans of the armed forces.

section 3

Course Registration and Student Services

www.tesu.edu/academics/catalog/Course-Registration-and-Student-Services.cfm

The Courses Registration and Student Services section of the *Catalog* focuses on the procedures for registering for courses, examinations and prior learning assessment and contains information on student services. The section is organized into the following main categories:

REGISTERING FOR UNDERGRADUATE COURSES

Reviews the procedures for registering for undergraduate courses offered by the University.

REGISTERING FOR A TECEP® EXAM

Reviews the procedures for registering for a TECEP® exam offered by the University.

PRIOR LEARNING ASSESSMENT REGISTRATION

Reviews the procedures for registering for prior learning assessment at the University.

TESTING AND TEST ADMINISTRATION

Reviews the procedures for testing and test administration at the University, including finding a proctor and taking exams at Thomas Edison State University in Trenton, N.J.

STUDENT SERVICES

Reviews all student services available to enrolled students.

REGISTERING FOR UNDERGRADUATE COURSES AND TECEP® EXAMS

www.tesu.edu/academics/catalog/Registering-for-Undergraduate-Courses.cfm

Register online via *Online Student Services*.

Register via fax: (609) 292-1657

Register via phone: (888) 442-8372

Course telephone registrations are accepted at all times the University is open.

Register via U.S. mail:

Thomas Edison State University
Office of the Registrar
Attn: Course Registration/TECEP® Registration
111 W. State St.
Trenton, NJ 08608

All student forms, including Undergraduate Registration Forms, may be accessed at www.tesu.edu/studentforms. To request a paper-based *Catalog* that contains paper-based forms, contact the University at (888) 442-8372.

REGISTRATION METHODS: AN OVERVIEW

You may register for courses or TECEP® exam in several ways during scheduled registration periods (see the 2016-2017 Academic Calendar for exact registration dates). Please note that no registrations will be accepted by mail during late registration periods.

1. **Online registration** (via Online Student Services) is available to Thomas Edison State University students who have paid the University's Comprehensive Tuition, have approved Thomas Edison State University financial aid, are paying for the course tuition and fees by credit card or have an approved Tuition Assistance Form from the Navy, Marines, Air Force, MyCAA or Coast Guard. Online registration allows you to view and select from among the up-to-the-minute course offerings and available mentors. In addition, you may view your final course grades and change your address, phone number and email address.

The following options require the use of a paper Undergraduate Registration Form, which may be accessed at www.tesu.edu/studentforms.

2. **Fax** in your Registration Form during scheduled registration sessions to the Office of the Registrar at (609) 292-1657, using your tuition assistance, VISA, MasterCard, American Express or Discover for payment of tuition and fees. Fax registration is available 24 hours a day, seven days a week during scheduled registration sessions.
3. **Register by telephone** by calling (888) 442-8372. Course telephone registrations are accepted at all times the University is open. Use your VISA, MasterCard, American Express or Discover for payment of tuition and fees.
4. **Mail in** your Registration Form during scheduled registration sessions to the Office of the Registrar (Attention: Course Registration/TECEP® Registration) with your check or money order, company tuition aid voucher or your VISA, MasterCard, American Express or Discover number indicated in the space provided on the Registration Form.
5. **Walk in** with your completed Registration Form and payment. The Office of the Registrar is located in Hanover Hall at 167 W. Hanover St., Trenton, N.J. If you pay in cash, your payment must be delivered directly to the Office of the Bursar at 221 W. Hanover St., Trenton, N.J., after the registrar has processed your registration at Hanover Hall. All payment methods are accepted from students who choose to register in person.

LATE REGISTRATION

Late registration for all courses and TECEP® exams will take place following the close of regular registration. Only online, fax, telephone and walk-in registrations will be accepted during this period. All late registrations must include the late registration fee. Registrations postmarked after the close of the regular registration period will not be processed and the student will be contacted. Students registering during late registration, who plan to use the textbook supplier, MBS Direct, for course materials, will need to contact MBS Direct immediately to ensure receipt of those materials before the course begins.

FEES

For complete tuition and fees information, please visit www.tesu.edu/tuition. If you are enrolled in a Thomas Edison State University program such as the Military Degree Completion Program (MDCP), Navy College Program Distance Learning Partnership (NCPDLP), the W. Cary Edwards School of Nursing or Corporate Choice®, please refer to your program tuition and fee structure information for appropriate tuition and fee costs. In addition to the tuition and registration fees, there are separate costs for course materials, textbooks, DVDs, course supplies, and shipping and handling.

Checks and money orders for tuition and registration fees should be made payable to: Thomas Edison State University.

Third party and “tuition aid” payment documentation must be attached to the Registration Form. A Registration Form received without proper payment or documentation will not be processed and the student will be contacted. After the forms are processed, students will be sent a registration confirmation.

FINANCIAL AID FOR UNDERGRADUATE STUDENTS

Eligible Thomas Edison State University undergraduate students who are taking the required number of Thomas Edison State University Guided Study and online courses per semester can be considered for Federal Pell Grants and Federal Direct Student Loans. Graduate students are eligible for Federal Direct Student Loans. New Jersey residents who qualify and take at least 12 credits per semester may also be eligible for New Jersey Tuition Aid Grants. Federal financial aid cannot be awarded for e-Pack®, prior learning assessment or TECEP® examinations. Applications, forms and information concerning financial aid are available from: Thomas Edison State University, Office of Financial Aid, 111 W. State St., Trenton, NJ 08608, by phone at (888) 442-8372 or finaid@tesu.edu.

HOW TO REGISTER FOR UNDERGRADUATE COURSES OR TECEP®: STEP-BY-STEP INSTRUCTIONS

www.tesu.edu/academics/catalog/How-to-Register-for-Undergraduate-Courses-Step-By-Step-Instructions.cfm

1. **Select a course or TECEP®.** If you are an enrolled Thomas Edison State University student and need help determining whether a particular course or TECEP® exam fits your degree requirements, contact an academic advisor. If you are enrolled in another institution, check with that institution to make sure the course fits your degree requirements.
 2. **Register for the courses or TECEP® exam** during scheduled registration sessions. Be sure to include the GS, EP, PA, NU, NG, OL or TE suffix, which identifies your course as Guided Study (GS), e-Pack® (EP), prior learning assessment (PA), nursing (NU), nursing graduate (NG), online (OL) or TECEP® (TE). Your payment method determines how you may register. You can check your current course schedule via Online Student Service, under “Academic Profile.”
 3. **Receive a registration confirmation** from Thomas Edison State University by email.
 4. **If you have registered for a course, you may purchase your course materials** from any available source after you receive confirmation of course registration. For your convenience, all materials required for your courses are available from MBS Direct. To review the materials needed for your course(s) or TECEP® exams, go to MBS Direct and follow these instructions:
 - > Click “order my books;”
 - > Select your term and program and then click “continue;”
 - > Select your course or TECEP® exam and click “submit course ID selection(s);”
 - > Click on the title of the book and you will see information regarding the book, including title, edition and ISBN #.
- Course materials and textbook costs are separate. Students will find the Course Manual, syllabus and Course Calendar online once the semester begins. Access information to courses will be emailed to OL, GS, EP, PA, NU and NG students with their registration confirmation.
5. **Start your course work** on the term start date as outlined in the academic calendar. Contact your mentor the first week. Arrange for a proctor during the first week. If you have registered for a TECEP® exam, visit TECEP® Scheduling Options or refer to the Testing and Test Administration section of the *Catalog*.

PAYMENT OPTIONS

For payment made by credit card, military tuition assistance and Thomas Edison State University approved financial aid award letter:

- › Register online via Online Student Services
- › Fax your registration to (609) 292-1657
- › Call (888) 442-8372 to register via the telephone
- › Complete an Undergraduate Registration Form and mail it to the Office of the Registrar, Attention: Course Registration/TECEP® Registration. Access the forms at www.tesu.edu/studentforms.

FOR PAYMENT MADE BY CORPORATE VOUCHERS AND CHECKS

You must fax, email or mail your completed Undergraduate Registration Form and Corporate Voucher Form together. Registrations received without approved corporate vouchers will not be processed. If your company requires partial student payment, make sure your payment is included. Registration with payment by check must be mailed.

TECEP® REGISTRATION

www.tesu.edu/academics/catalog/TECEP-Registration.cfm

TO REGISTER FOR A TECEP® EXAM:

Register online via Online Student Services.

Register via fax: (609) 292-1657

Register via phone: (888) 442-8372

Register via the U.S. mail:

Office of the Registrar
ATTN: Course Registration/TECEP® Registration
Thomas Edison State University
111 W. State St.
Trenton, NJ 08608

TECEP® examinations are administered throughout the year as follows:

- › via online using the University's Online Proctoring Service (OPS);
- › at sites chosen by students, following the University's TECEP® guidelines for site, proctor and test date selection; and/or
- › at Thomas Edison State University in Trenton, N.J. View information on test dates, registration deadlines, test sites and proctor selection guideline.

Before registering, refer to the TECEP® Scheduling Options located in the Testing and Test Administration section of the *Catalog*.

To learn which areas of study are available as TECEP® examinations, go to: www2.tesu.edu/listalltecep.php.

PRIOR LEARNING ASSESSMENT REGISTRATION

www.tesu.edu/academics/catalog/Prior-Learning-Assessment-Registration.cfm

STEP-BY-STEP INSTRUCTIONS:

The information on this page is intended for those students who only intend to do a single portfolio for a single course. Most students who intend to earn credit through the assessment of their portfolios begin by registering for PLA-100 or PLA-200. Information on those courses can be found at www.tesu.edu/degree-completion/PLA-100-and-PLA-200.cfm.

STOP! Do not register for a Single-Course, 12-week Portfolio course until you have reviewed the PLA Self-Assessment Guide.

This information is designed to help you determine, before you register, whether your prior learning is appropriate for this method of earning credit.

1. **Select a course.** Review the course descriptions at the University's PLA Description Database at www2.tesu.edu/plasearch.php. If the course you are looking for is not in the University's database, you can find one from another regionally accredited college/university and submit that.

NOTE: If you are an enrolled Thomas Edison State University student, it is recommended that you make sure a particular portfolio course fits your degree requirements by calling the Advisement Expressline toll free at (888) 442-8372. If you are enrolled at another institution, check to make sure the portfolio course fits your degree requirements and that such courses are accepted at your home institution.

2. **Register for the PLA.** If you choose to complete a Single-Course, 12-Week Portfolio course, and you have made certain the course fits into your degree requirements, you will need to propose the course by completing the prior learning assessment proposal form. The form is available at www.tesu.edu/studentforms. You may also submit the PLA Proposal Form electronically by going to <https://forms.tesu.edu/plaproposal.php>. The PLA specialist will determine whether the PLA you propose can be approved and activated. You will receive notification of the course code via email indicating that you are cleared to register for your PLA. Once your proposed course has been approved, a course section will be created. At that point, you can register as you would for any other Thomas Edison State University course. You will also receive confirmation of your registration from the Office of the Registrar. This communication will contain information about accessing your online PLA via myEdison®.

It is important to start this proposal process at least two weeks prior to the end of the registration period for a given semester, so that a mentor may be identified before the registration period ends. Until we can identify a qualified mentor to work with you, you may not be able to enroll for the portfolio course during the semester you desire.

3. **Contact your mentor** during the first week of the semester. The mentor's contact information is found in myEdison®. Please keep in mind that the portfolio must be completed within the 12-week semester for which you are registered, unless a shorter period is agreed upon between you and the mentor. Only one eight-week extension may be requested, and only if at least a draft of the portfolio has already been completed.

TESTING AND TEST ADMINISTRATION

<http://www.tesu.edu/academics/catalog/Testing-and-Test-Administration.cfm>

UNDERGRADUATE EXAMINATIONS AND PROCTORS

Most Guided Study (GS) and online (OL) courses, not including nursing, require a proctored midterm and/or final. Some courses have a paper or project in lieu of a final exam. TECEP® (TE) exams and e-Pack® (EP) courses require a proctored final only. All course semesters (GS, OL, EP and TE) are 12 weeks long. Make sure you are ready to complete the test on your scheduled test day, because once the online test link is accessed or the pen/paper test seal is broken, the test will be graded on the work completed.

CHOOSE THE FORMAT OF YOUR EXAMINATIONS

All course exams and TECEP® exams offer the Online Proctor Service (OPS) as a testing option. This allows you to take a test on your home computer while being proctored, in real time, by the OPS proctor. To utilize this option, you are required to have a webcam, specified computer requirements and audio capabilities. Our OPS vendor (ProctorU) provides test sessions 24 hours a day, 7 days a week with the exception of some holidays. The link for scheduling with ProctorU is in your course space. If you cannot complete your exams online or if you prefer to take the pen/paper version, you can locate a proctor and submit a Proctor Request Form by the end of the first week of the semester. Forms and proctor guidelines can be found at www.tesu.edu/proctor. The Proctor Request Form can now be submitted electronically.

TAKING YOUR EXAMINATIONS ONLINE

If you decide to complete your exams online with our OPS option, the first step is to log into the ProctorU scheduling site to create an account. Take the WebCam Test to ensure that your camera, speakers, microphone, bandwidth, etc., are functioning properly. When you schedule your exams, be sure to select the correct semester so the test dates that correspond to your semester are made available. You will then select a date and time that is convenient. On the day of the test, you will once again log into the OPS site, click on the My Exams tab and wait for the proctor to come online for the identity verification process. You will then be directed to open your test link by logging into myEdison®. Select the Moodle Rooms tab to access your course exams (OL, GS, EP) or your TECEP® exams (TE). If you are taking a course exam, be sure to select the correct link (midterm versus final).

TAKING YOUR EXAMINATIONS IN THE PEN/PAPER FORMAT

If you decide to complete your exams in the pen/paper format, you may take them at any accredited college or university or at any public library. It is advisable to find a location close to your home or work so you have easy access on your test day, especially if you are taking more than one course a semester. Be sure your proctor is available for both the midterm and final test weeks as many institutions close for spring break and holidays. You can contact your local college or university to find a full-time professor or professional staff member (adjunct and part-time professors do not qualify) or your local library to find a full-time librarian (elementary and high school librarians do not qualify). We do not send examinations to employers, corporate training offices, members of the clergy, family members or friends. Students are responsible for paying proctor fees, if requested by the proctor. For more information, go to www.tesu.edu/proctor.

MILITARY STUDENTS

Students in the military who utilize military computers, or are stationed overseas, may encounter connectivity issues that prevent a successful online administration. For those students, the pen/paper version is the better option. Acceptable proctors include Test Control Officers (TCO), Education Services Officers (ESO), Career Counselors, base librarians, chaplains or commissioned officers who are not in your direct chain of command. For more information, go to www.tesu.edu/militaryproctor.

IMPORTANT POINTS TO REMEMBER

- A Proctor Request Form must be submitted at the beginning of each new semester only if you are taking the pen/paper exam. You can choose to take the exams for some courses online and other courses in the pen/paper format provided you stick with one format per course. So if you submit a Proctor Request Form, you will take both the midterm and final (if required) in the pen/paper format. Likewise if you select the online option.
- The Proctor Request Form can be submitted electronically. Find the form at www.tesu.edu/proctor and complete all required fields.
- No matter what format you choose, you must alert the Office of Test Administration (OTA) if you are on an official course extension in order to take your exams after the original semester end date. Send an email to testing@tesu.edu three business days before your online exam so OTA can open the test link or three weeks before your pen/paper administration so OTA can mail your exam(s).

TAKING EXAMINATIONS AT THOMAS EDISON STATE UNIVERSITY IN TRENTON, NJ

There are specific test days during every official test week. Test administrations for pen/paper examinations have multiple start times for your convenience. The testing room is currently located at 111 W. State Street in Trenton, N.J. To schedule a test date for your course examination or TECEP®, visit the Online Testing Reservation Desk.

Exam Schedule for On-Site Testing at Thomas Edison State University

TERM	TEST DATE
JUL 2016 Midterms	Week of 8/15/16 to 8/21/16
AUG 2016 Midterms	Week of 9/12/16 to 9/18/16
JUL 2016 Finals	Week of 9/19/16 to 9/25/16
SEP 2016 Midterms	Week of 10/10/16 to 10/16/16
AUG 2016 Finals	Week of 10/17/16 to 10/23/16
OCT 2016 Midterms	Week of 11/07/16 to 11/13/16
SEP 2016 Finals	Week of 11/14/16 to 11/20/16
OCT 2016 Finals	
NOV 2016 Midterms	Week of 12/12/16 to 12/18/16
DEC 2016 Midterms	Week of 1/09/17 to 1/15/17
NOV 2016 Finals	Week of 1/16/17 to 1/22/17
JAN 2017 Midterms	
DEC 2016 Finals	Week of 2/13/17 to 2/19/17
FEB 2017 Midterms	Week of 3/13/17 to 3/19/17
JAN 2017 Finals	Week of 3/20/17 to 3/26/17
MAR 2017 Midterms	
FEB 2017 Finals	Week of 4/17/17 to 4/23/17
APR 2017 Midterms	Week of 5/15/17 to 5/21/17
MAR 2017 Finals	Week of 5/22/17 to 5/28/17
MAY 2017 Midterms	Week of 6/12/17 to 6/18/17
APR 2017 Finals	Week of 6/19/17 to 6/25/17
JUN 2017 Midterms	
MAY 2017 Finals	Week of 7/17/17 to 7/23/17
JUN 2017 Finals	Week of 8/21/17 to 8/27/17

OL = Online courses

GS = Guided Study courses

EP = ePack courses

TE = TECEP examinations

All Proctor Request forms for the pen/paper version of OL/GS/EP and TE examinations are due in the Office of Test Administration by the end of the first week of the semester. Please check your course space carefully as all OL, GS, EP courses and most TE tests provide the Online Proctor Service (OPS), which allows examinations to be administered online from your home computer.

Students can register for TE examinations online through Online Student Services. Students who wish to complete the pen/paper version of their GS/OL/EP or TE test in our Trenton, N.J. testing facility can view available test dates by going to the Test Scheduling System.

Students who do not have access to the web or who are on an official course extension should contact the Office of Test Administration at testing@tesu.edu to schedule an exam date in our Trenton, NJ testing facility. Visit Main Campus for directions to the University's testing facility for pen/paper exams at 111 W. State Street, Trenton, N.J.

The University will be closed on the following dates during the 2016-2017 academic year:

- > Independence Day: Monday, July 4, 2016
- > Labor Day: Monday, Sept. 5, 2016
- > Columbus Day: Monday, Oct. 10, 2016
- > Thanksgiving Day: Thursday, Nov. 24, 2016
- > Winter Holiday: Monday, Dec. 26 - Friday, Dec. 30, 2016
- > Martin Luther King Jr. Birthday: Monday, Jan. 16, 2017
- > Presidents' Day: Monday, Feb. 20, 2017
- > Good Friday: Friday, April 14, 2017
- > Memorial Day: Monday, May 29, 2017

STUDENT SERVICES

<http://www.tesu.edu/academics/catalog/Student-Services.cfm>

The Student Services section of the *Catalog* focuses on services for students, including students with disabilities, academic advising, financial aid and scholarships, veterans benefits and library resources. The section is organized into the following categories:

Students With Disabilities

Academic Advising

Financial Aid

Scholarships

Veteran Benefits

Library Resources

STUDENTS WITH DISABILITIES

www.tesu.edu/academics/catalog/Students-with-Disabilities.cfm

Thomas Edison State University adheres to the letter and spirit of the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act.

It is the student's responsibility to disclose and verify their disability to the ADA coordinator if requesting accommodations; all such disclosures will be kept confidential. Accommodations under the ADA for a given term must be approved prior to the start date of the respective term.

If you would like to discuss reasonable disability accommodations for course work and/or examinations, please contact the ADA coordinator in the Office of Student Special Services prior to registering for a course or examination.

(609) 984-1141, ext. 3415, or ada@tesu.edu

Hearing impaired individuals may call the TTY phone at (609) 341-3109.

Student Guide to Accessing Disability Support Services

ACADEMIC ADVISING

www.tesu.edu/academics/catalog/Academic-Advising.cfm

APPLICANTS

Applicants to the University who have questions regarding their academic evaluations are encouraged to contact the Office of Academic Advising at (888) 442-8372 for assistance. Applicants can also schedule an appointment online with an advisor to review their evaluation.

ENROLLED STUDENTS

Enrolled students have full access to the University's

academic advisement, evaluation and program planning services. Students may call the Advising Expressline at (888) 442-8372 to address brief questions. Appointments for both undergraduate and graduate advising can be made online or through myEdison®.

ADVISING EXPRESSLINE

Students who have already received their official program evaluation and have brief questions or need clarification of general degree issues should utilize the Advising Expressline. A student advising appointment (discussed below) should be made for more in-depth discussion regarding special degree concerns and/or specialization and area of study course requirements. The Advising Expressline is open Monday through Thursday, from 8:30 a.m. to 4:30 p.m., and 10 a.m. - 4 p.m. on Fridays, Eastern Time, excluding holidays. The toll free number for the Advising Expressline is (888) 442-8372. It is highly recommended that students call at least two weeks prior to the date of registration to determine if a course(s) is appropriate for their degree program.

STUDENT APPOINTMENTS

Enrolled students are encouraged to make an appointment with an advisor for program planning, extensive questions regarding degree programs and methods of earning credits during the first six months of their enrollment period. Appointments with an advisor may be conducted in-person or by telephone. Appointments for both undergraduate and graduate advising can be made online or through myEdison®.

PROGRAM PLANNING

Students enrolled with Thomas Edison State University are strongly encouraged to work with an advisor and submit a degree program plan that outlines how they will complete all or part of the remaining requirements for degree completion. Students may view the *Advisement Program Planning Handbook* www.tesu.edu/current-students/handbook/index.cfm, which provides them with the steps required in developing a program plan and includes detailed information on methods of earning credit, academic policies and the structure and credit requirements of degree programs.

WRITTEN CORRESPONDENCE WITH THE OFFICE OF ACADEMIC ADVISING

Students may write to the Office of Academic Advising (via letter, fax, HelpDesk or email). Correspondence will be answered by an advisor. Correspondence and program plans should be sent to:

Office of Academic Advising
Thomas Edison State University
111 W. State St.
Trenton, NJ 08608

HelpDesk (Preferred): www2.tesu.edu/myedison/

Fax: (609) 777-2956

Email: enrolled@tesu.edu academicadvising@tesu.edu

NOTE: Students must include their University ID Number and their degree program in the subject line of the email (AS, BS, BSC, BSHIM, BSND, BSN, BSHes, BSOL, BSPS, BSMIS, MBA, MSHS, MSHM, MSIT, MSIBF, MAETOL, MPPL, DNP) to ensure they receive a prompt response to their email.

FINANCIAL AID

www.tesu.edu/academics/catalog/Financial-Aid.cfm

Applications, forms and information concerning financial aid are available from:

Thomas Edison State University
Office of Financial Aid
111 W. State St.
Trenton, NJ 08608
(888) 442-8372
finaid@tesu.edu

Additional information is also available on the University website at www.tesu.edu.

Eligible Thomas Edison State University students who are taking the required number of Thomas Edison State University courses per semester may be considered for Pell Grants and federal loans. New Jersey residents who qualify and take at least 12 credits per semester may also be eligible for New Jersey Tuition Aid Grants. View more information on the NJ Stars II Scholarship.

Please note only Guided Study and online courses are eligible for federal aid.

FINANCIAL AID FOR GRADUATE STUDENTS

Graduate students are eligible for Federal Direct Student Loans. Detailed information may be found in the Financial Aid Packet, which may be accessed through the Thomas Edison State University website or by calling the Office of Financial Aid at (888) 442-8372.

FINANCIAL AID APPEALS

Students who do not meet the satisfactory academic progress requirements after the probation period will be denied additional financial aid. If, because of a mitigating circumstance (such as loss of income, death in the family, etc.) a student falls below the required standards, he or she may appeal by explaining the circumstances to the Financial Aid Appeals Committee within 30 days of notification concerning his or her academic performance. All appeals should be in writing and forwarded to:

Thomas Edison State University
Financial Aid Appeals Committee
Office of Financial Aid
111 W. State St.
Trenton, NJ 08608

If an appeal is granted, the student must regain satisfactory academic progress after the end of the appealed semester to be considered for further aid. If progress is not made at the end of the appealed semester, but the student completes all courses attempted with grades of C or better in that semester, an additional semester may be awarded. Students should contact the Office of Financial Aid after the results of the appealed semester are posted.

ACADEMIC PROGRESS FOR CONTINUING FINANCIAL AID

Thomas Edison State University state and federal financial aid recipients must maintain a cumulative grade point average (GPA) of at least 2.0 (C) to meet the minimum standards for satisfactory academic performance. In addition, the student must complete 67 percent of all courses attempted, which includes transfer credits that count toward the student's current program. Satisfactory academic progress will be monitored at the end of each academic year. If a student's cumulative average falls below 2.0 (C) or does not meet the 67 percent criterion, the student is not maintaining satisfactory academic performance. (Grades of W are not considered complete.) Students will be notified in writing if they fail to comply with this policy. Students will not be reviewed for academic progress until they have attempted two semesters of course work. Please note, courses on extensions are not considered completed until grades are posted. Grades of NC will be considered an F for GPA calculations.

There is also a maximum time frame during which the University may award federal aid. Sixty credits are required to earn an associate degree. The maximum attempted credit hours that may be attained in this degree program are 90 credit hours. For the bachelor's degree (120 credits), the maximum attempted credit hours that may be accumulated in this degree program is 180. All credit hours attempted, whether or not they are completed or passed, are counted toward the maximum time frame in the aforementioned program. If a student exceeds the maximum number of credits in a degree program, he or she will not be eligible for state or federal student financial aid. This limit includes credits that have been transferred toward a degree. Financial aid will pay for a repeated course only once. Students not making satisfactory academic progress will be placed on Financial Aid Probation for the next semester.

Financial aid will be processed for that semester to give the student an opportunity to regain satisfactory progress as determined by University policy. Students may either regain satisfactory academic progress after their probationary grades are in, or at least complete all the probationary term's courses with grades of C or better.

OTHER FINANCIAL AID SOURCES

One of the most overlooked sources of financial assistance is the educational benefits that companies offer to their employees. Information about a company's educational benefits is usually available through the human resources office. Additional aid might be available through the state education agency in your area.

SCHOLARSHIPS

www.tesu.edu/academics/catalog/Scholarships.cfm

The Thomas Edison State University Scholarship Program is designed to assist students in meeting their financial commitments to the University while they take advantage of the many credit earning options available to them. The University Scholarship Committee, in conjunction with the Office of Development, conducts the annual award period. The list of current scholarships and the associated award period dates are available on the University website at www.tesu.edu under Tuition and Financial Aid. Recipients for each scholarship are selected based on a competitive application process. Scholarship awards are disbursed after the notification to and acceptance by recipients is completed. Applicants must meet the following eligibility criteria.

Scholarship applicants must:

- › Be enrolled at Thomas Edison State University at the time of application
- › Have applied for financial aid (federal, state [N.J. residents only] and Thomas Edison State University)
- › Have a 3.0 Thomas Edison State University GPA at the time of application
- › Have completed a minimum of 12 Thomas Edison State University credits each academic year since enrollment with at least six hours each year from online or Guided Study courses
- › Incompletes, withdrawals and failed classes do not count as completed credits and students must successfully complete 66 percent of courses attempted
- › Applicants must meet all eligibility criteria for the scholarship(s) for which they applied
- › Required documentation, if any, must be provided before the end of the application period.

Questions about the University Scholarship Program should be directed to the Office of Financial Aid.

VETERAN BENEFITS

www.tesu.edu/academics/catalog/Veteran-Benefits.cfm

Thomas Edison State University is approved under the provisions of Title 10 and Title 38, United States Code for enrollment of veterans, military and other eligible persons for programs approved by the New Jersey State Approving Agency. Students who have served in the U.S. armed forces may be eligible to receive veteran educational benefits to assist with educational expenses. These benefits also may extend to the spouse and child dependents of deceased or disabled veterans.

To be approved for certification for veterans' benefits at Thomas Edison State University, a course must be designated as online, Guided Study or TECEP®. PLA and e-Pack® credit options are not approved for veterans' benefits. For informa-

tion about applying for or using your veterans' educational benefits at Thomas Edison State University, contact the Office of Military and Veteran Education by telephone, email or mail. You may also review the information on the University website's Military Students section.

Thomas Edison State University
Office of Military and Veteran Education
111 W. State St.
Trenton, NJ 08608

Phone: (866) 446-1804
Fax: (609) 984-7143
Email: militaryeducation@tesu.edu

LIBRARY RESOURCES

www.tesu.edu/academics/catalog/Library-Resources.cfm

THE NEW JERSEY STATE LIBRARY

The New Jersey State Library is an affiliate of Thomas Edison State University and students have special access to its resources and services. All Thomas Edison State University students are given an ID card that enables them to contact library personnel for special assistance and access to resources not available to the general public.

Students may visit the library's homepage at www.njstatelib.org or the library's student page to apply for a card.

The New Jersey State Library provides free online resources to students pursuing their education. *JerseyClicks.org* offers pertinent full-text articles from current newspapers, magazines and journals that can be downloaded and printed. JerseyClicks allows students to search up to 30 databases at once on topics such as business, education, science, history, health and literature. *JerseyClicks.org* is supported in whole or part by The Institute of Museum and Library Services through the Library Services and Technology Act. All Thomas Edison State University students have electronic access to the New Jersey State Library card catalog and to more than 3,000 journals, a third of which are directly available as full text. Other materials may be ordered. Within the guidelines of the New Jersey State Library's interlibrary loan service, students also have access to the research holdings of most academic libraries in New Jersey.

VALE (VIRTUAL ACADEMIC LIBRARY ENVIRONMENT)

Thomas Edison State University is a member of the Virtual Academic Library Environment, VALE, a consortium of New Jersey college and university libraries and the New Jersey State Library. The consortium is dedicated to furthering excellence in learning and research through innovative and collaborative approaches to information resources and services.

section 4

University Policies and Procedures

www.tesu.edu/academics/catalog/College-Policies-and-Procedures.cfm

The University Policies and Procedures section of the *Catalog* focuses on all academic and nonacademic policies that govern the student experience at the University as well as the key procedures related to those policies. The section is organized into the following main categories:

UNIVERSITY - WIDE POLICIES

Institutional policies pertaining to all enrolled undergraduate and graduate students.

UNDERGRADUATE ACADEMIC POLICIES

Policies pertaining to all enrolled undergraduate students.

UNDERGRADUATE COURSE POLICIES AND REGULATIONS

Policies and regulations related to undergraduate courses.

NURSING STUDENT POLICIES

Policies pertaining to all enrolled nursing students.

INTERNATIONAL STUDENT POLICIES

Policies pertaining to all enrolled international students attending the University from outside the U.S.

GRADUATE ACADEMIC POLICIES

Policies pertaining to all enrolled graduate students.

WAYS TO EARN UNDERGRADUATE CREDIT

Summary of undergraduate methods of earning credit at the University.

LEARNING OUTCOMES ASSESSMENT

Information on both learning outcomes assessment at both the institutional, and school and program levels.

ABOUT THOMAS EDISON STATE UNIVERSITY

Summary information about the University.

GOVERNANCE

Summary information about governance of the University.

MENTORS AT THOMAS EDISON STATE UNIVERSITY

List of mentors at the University organized by school.

ACADEMIC CODE OF CONDUCT

www.tesu.edu/academics/catalog/Academic-Code-of-Conduct.cfm

ACADEMIC INTEGRITY

A detailed statement of what constitutes academic dishonesty and plagiarism is included in every course. Students agree

to abide by this statement. Academic dishonesty will result in disciplinary action and possible dismissal from the University.

The University is committed to helping students understand the seriousness of plagiarism, which is defined as the use of the work and ideas of others without proper citation. Students who submit course materials or examination responses that are found to be plagiarized are subject to discipline under the academic code of conduct policy.

ACADEMIC CODE OF CONDUCT POLICY

Thomas Edison State University is committed to maintaining academic quality, excellence and honesty. The University expects all members of its community to share the commitment to academic integrity, an essential component of a quality academic experience.

Thomas Edison State University students are expected to exhibit the highest level of academic citizenship. In particular, students are expected to read and follow all policies, procedures and program information guidelines contained in publications; pursue their learning goals with honesty and integrity; demonstrate that they are progressing satisfactorily and in a timely fashion by meeting course deadlines and following outlined procedures; observe a code of mutual respect in dealing with mentors, staff and other students; behave in a manner consistent with the standards and codes of their professions; keep official records updated regarding changes in name, address, telephone number or email address; and meet financial obligations in a timely manner. Students not practicing good academic citizenship may be subject to disciplinary action including suspension, dismissal or financial holds on records. All members of the community are responsible for reviewing the academic code of conduct policy and behaving in keeping with the stated principles.

PURPOSE

The purpose of this policy is to define and advise students of the academic code of conduct, and to identify violations and their consequences. It also provides a hearing and appeal process for students who believe they have been incorrectly accused of violating the standards of academic integrity.

VIOLATIONS

The University considers any violation of this Academic Code of Conduct to be a serious breach of trust that threatens the academic environment of the entire community. Community members are in violation of the Academic Code of Conduct when acts of academic dishonesty occur.

These include, but are not limited to:

- > cheating;
- > fabricating information or citations;
- > falsifying documents;
- > falsifying information about test proctors;
- > forgery;
- > gaining unauthorized access to examinations;
- > making up or changing data for a research project;
- > plagiarizing;
- > submitting credentials that are false or altered in any way;
- > tampering with the academic work of other students;
- > using words or ideas from others without appropriate attribution;
- > facilitating another student's academic misconduct; and/or submitting course work or taking an exam for another student;
- > buying or selling of course materials, including exams, test answers and course papers.

DISCIPLINARY PROCESS

Allegations of violations of the Academic Code of Conduct may be initiated by mentors, staff or students enrolled at Thomas Edison State University. Specific allegations of a violation of the Academic Code of Conduct must be submitted in writing to the appropriate dean's office. In cases of violations that result from inappropriate behavior in courses, the appropriate dean is the dean of the School that offers the course. In all other cases, the appropriate dean is the dean of the School in which the student is enrolled.

PLAGIARISM

Acts of both intentional and unintentional plagiarism violate the Academic Code of Conduct. If an incident of plagiarism was an isolated minor oversight or an obvious result of ignorance of proper citation requirements, the mentor may handle the matter as a learning exercise. Appropriate consequences may include the completion of tutorials, assignment rewrites or any other reasonable learning tool, in addition to a lower grade for the assignment or course. The mentor will notify the student and appropriate dean of the consequence by email.

If the plagiarism appears intentional and/or there is more than an isolated incident, the mentor will refer the matter to the appropriate dean. The dean's office will gather information about the violation(s) from the mentor and student, as necessary. The dean will review the matter and the student will be notified in writing of the specifics of the charge and the sanction to be imposed. If the student disputes the charge or disagrees with the sanction, the student must submit a written request to the dean for a hearing within ten (10) days of receipt of the notice or be deemed to have accepted the sanction.

Possible sanctions include:

- > Lower or failing grade for an assignment
- > Lower or failing grade for the course
- > Rescinding credits
- > Rescinding certificates or degrees
- > Recording academic sanctions on the transcript
- > Suspension from the University
- > Dismissal from the University

The University reserves the right to review all credits, degrees and certificates. If any academic misconduct is revealed, those credits, degrees and certificates also may be rescinded. Records of all Academic Code of Conduct violations will be maintained in the student's file.

In extreme or emergency circumstances, any officer of the University at the vice president or higher level may immediately suspend a student from access to University premises, activities or electronic sites pending disciplinary action. Such action will be reported to the provost and vice president.

HEARING

If a hearing is requested, such hearing will be convened at Thomas Edison State University, Trenton, N.J., within twenty-one (21) business days after the request is received by the University. Students unable to travel to Trenton may attend the hearing telephonically via conference call. In these circumstances, every effort will be made to adhere as closely as possible to the procedures further outlined in this section.

- > The student shall have the opportunity to testify and present evidence and witnesses. A list of witnesses and a copy of documents to be presented at the hearing must be submitted to the University at least seven days prior to the hearing.
- > The student may have a nonparticipating advisor present for the proceedings.
- > The committee shall hear and question witnesses.
- > The student may suggest questions for witnesses to the committee.
- > The hearing will be audio recorded. All records and/or audio recordings of the hearing will be kept in the custody of the University. Records or recordings may not be reproduced without the specific authorization of the president of Thomas Edison State University.
- > All expenses incurred by the student and any witness will be borne by the student.
- > If a student (with notice) does not appear at the hearing, the committee shall decide whether to proceed in the student's absence.
- > An audio recording of the hearing (not deliberations) shall be made and maintained by the University.

The Academic Integrity Committee will review all reports and evidence regarding the misconduct charge. A written decision will be issued by the chairperson, Academic Integrity Committee, within ten (10) business days of the hearing and will be sent to the student concerned via certified and regular mail. In its decision, the Academic Integrity Committee will determine the appropriate sanction.

APPEAL PROCESS

The student shall have the opportunity to appeal any decision involving disciplinary action. An appeal must be submitted in writing to the provost and vice president within ten (10) business days after receipt of the hearing decision of the Academic Integrity Committee. The appeal must specify the grounds on which it is made. Allowable grounds for appeals are limited to the following:

- › Evidence of procedural irregularity
- › Evidence of mitigating circumstances or facts that could not have been presented at the hearing
- › Evidence of undue severity of sanction
- › Evidence of bias on the part of the members of the Academic Integrity Committee
- › Evidence that the decision of the Academic Integrity Committee is arbitrary, capricious or unreasonable and that the evidence does not support the charges
- › The provost and vice president will issue a decision within ten (10) business days and may require that the previously imposed sanction be:
 - 1) Affirmed and executed
 - 2) Suspended, set-aside or rejected
 - 3) Modified or adjusted as warranted by circumstance

The decision of the provost and vice president is final.

NONACADEMIC CODE OF CONDUCT

PREAMBLE

Thomas Edison State University provides flexible, high quality, collegiate learning opportunities for self-directed adults. The University is dedicated to maintaining a scholarly community in which the freedom of expression both written and oral is greatly valued. Members of the University community are expected to interact with each other with respect, consideration and in a civil manner. Civility requires cooperation, tolerance, acceptance, inclusiveness, courtesy and patience. It is expressed not only in the words that are chosen, but in tone, demeanor and actions.

PURPOSE

The purpose of this policy is to advise the students of Thomas Edison State University of their responsibilities and expected conduct when interacting with other students, mentors or staff of the University in nonacademic situations or activities. Furthermore, it provides procedures for filing complaints, in-

vestigations, hearings, the range of possible sanctions and appeals under this policy.

STATEMENT OF RESPONSIBILITIES AND CONDUCT

Students at Thomas Edison State University are expected to be mature, self-directed and responsible for their progress and the achievement of their personal academic goals. They are expected to know and comply with the policies, rules and procedures of the University; satisfy their financial obligations; respect University resources; and comply with requests of academic and administrative personnel in the conduct of their professional duties.

Interaction between students and the University is expected to be thoughtful, professional, respectful and civil. Accordingly, any behavior that threatens or endangers the safety or welfare of members of the University community, or substantially disrupts or threatens to substantially disrupt the operation of the University, is prohibited and shall be grounds for disciplinary action, including dismissal from the University. Such prohibited behaviors include, but are not limited to, harassment, abusive actions, physical threats and disruptive conduct.

VIOLATIONS

Behavior by students that violates the Nonacademic Code of Conduct and that takes place on Thomas Edison State University premises, during University-related activities or which adversely affects the University community, shall be grounds for disciplinary action by the University. The University reserves the right, notwithstanding anything contained herein, to refer any nonacademic offense to the appropriate civil or criminal authority, as it may deem appropriate. Violations of the Nonacademic Code of Conduct may include, but are not limited to, the following:

- › **Disruption of University Activities** - exam administration, online courses, assessment activities, studying, research, administration and meetings. These activities may also be considered a violation of the Academic Code of Conduct. When there are academic elements involved the case will also be referred to the appropriate dean for review.
- › **Unauthorized Entry and Use** - unauthorized entry and/or use of any University network, building, facility, room or office. Facilities include, but are not limited to, the Trenton offices, off-site centers and special event venues.
- › **Misappropriation/Misuse of or Damage to University Property**, including misappropriation of or possession of misappropriated University property; intentional or negligent damage of University property; intentionally misplacing resources or in any way intentionally depriving other members of the University of the property or having access to the resources; infecting networks, programs, or other electronic media or systems with viruses, or otherwise causing systems to malfunction or disruptions to University technology.

- > **Physical Abuse and Dangerous Activity**, including actual physical abuse or threat of physical abuse to another person; damage to another person's property; cause another person to fear physical abuse or fear damage to his/her property; creating a condition which endangers or threatens the health, safety or well-being of other persons, or which could cause damage to property; possession, use or distribution of firearms, ammunition, explosives or other weapons on University property.
- > **Written or Oral Harassment** - written or oral harassment includes the use of threatening or obscene language, or language which is otherwise abusive or discriminatory in the circumstances, by a student, directed to another student, a mentor, trustee or employee of the University.
- > **Sexual Harassment** - sexual harassment represents a form of abuse and/or intimidation and involves actions such as unwelcome sexual conduct; requests for sexual favors and other physical and expressive behavior of a sexual nature; written or oral abuse or threats of a sexual nature; displaying or distributing pornographic or derogatory pictures or materials; unwelcome physical contact such as touching, patting, pinching or punching; continuing to engage in certain behaviors of a sexual nature after an objection has been raised by the target of such inappropriate behavior; conduct that has the purpose or effect of unreasonably interfering with an individual's education or work performance or creating an intimidating or hostile environment. [Sexual harassment is a violation of Title IX of the Education Amendments of 1972 and other laws. See Policy Against Discrimination and Harassment for additional information.]
- > **Submission of Fraudulent Documents** - such as transcripts, diplomas, test scores, references or applications that are forged, fraudulent, altered from the original, materially incomplete, obtained under false pretenses or otherwise deceptive (collectively referred to as fraudulent documents).
- > **Refusal to Provide Identification** - refusal to provide identification upon request by an officer, employee or agent of the University acting on behalf of the University in the course of his/her duties.
 - Disorderly, lewd or obscene conduct on University property or at a University activity.
- > **Cyberbullying**, or any electronic communication that contains threatening or abusive language, to another student, mentor or staff member.
 - Invading another person's privacy by intruding upon private communications or property.
 - Unauthorized appropriation and/or use of another person's personal data or identity.
- > **Misrepresentation** - materially misrepresenting information to an official University body or officer.
 - Provide false or misleading information in the course of a nonacademic disciplinary investigation or hearing.

Failing to appear as a witness during a nonacademic disciplinary hearing, when directed to appear by the University.

- Other acts or activities that violate nonacademic University policies.

DISCIPLINARY PROCESS

The Office of the Vice President for Enrollment Management and Learner Services (EMLS) is responsible for:

- > Investigating allegations of misconduct.
- > Administering the disciplinary process.
- > Maintaining a written record of all actions regarding student conduct violations.

A complaint involving a violation of the Nonacademic Code of Conduct must be submitted in writing to the Office of the Vice President for Enrollment Management and Learner Services. The associate vice president and dean of Learner Services will review the matter to determine whether the allegations merit proceeding with formal charges or should be addressed informally.

If, in the opinion of the associate vice president, the complaint should be pursued formally, the student will receive written notice of the charges and specifications as well as information about a scheduled hearing. The vice president for Enrollment Management and Learner Services may withdraw the charges any time prior to the hearing, if good cause exists to do so.

STUDENT RIGHTS AND RESPONSIBILITIES

The student:

- > Must notify the associate vice president and dean of Learner Services of the names of the student's advisor and any witnesses who will attend the hearing, at least three days before the hearing.
- > Must submit a copy of any document that the student wishes to present into evidence, to the associate vice president and dean of Learner Services, at least three days before the hearing.
- > Will be notified of the charges against him/her, in writing, prior to the hearing.
- > Will be informed of the evidence upon which a charge is based.
- > Will have a reasonable length of time to prepare a response to any charges.
- > Will receive a copy of an investigation report prior to any hearing.
- > Will be given the opportunity to present his/her defense and offer evidence at the hearing.
- > Will receive a written determination of the charges and notifications of any sanctions imposed, in a timely manner.
- > Will be afforded confidentiality throughout the process.
- > Will have the right to waive any of these rights.

STUDENT CONDUCT COMMITTEE HEARING

All committee hearings will be convened in Trenton, N.J. Students unable to travel to Trenton may attend the hearing telephonically via conference call or video interface. A single audio recording of the hearing will be made by the University. Deliberations will not be recorded.

- The student may have an advisor present at the hearing, however, the student is responsible for presenting his/her information and, therefore, the advisor is not permitted to speak or participate directly in the hearing.
- The student will be allowed to review the investigating officer's report (a copy to be provided prior to the hearing), listen to the investigating officer deliver the report and suggest questions for the Committee chair to ask.
- The student shall have the opportunity to present his/her version of what happened, submit supporting documentation and present witnesses.
- All records of the hearing will be kept in the custody of the University. Records or recordings are the property of the University and may not be reproduced without the specific authorization of the president of Thomas Edison State University.
- Hearings are closed to the public and limited to the complainant, accused and advisor. Presentation of witnesses shall be subject to the Committee's approval.
- The Committee's determination shall be made on the preponderance of evidence standard (i.e., whether it is more likely than not that the accused student violated the code of conduct).
- All expenses incurred by the student will be borne by the student.

The Student Conduct Committee will review the report, listen to evidence and decide if a violation did or did not occur. If a violation is determined to have taken place, the Committee will determine what disciplinary action, if any, to impose on the student. A written decision will be issued by the chairman, Student Conduct Committee, to the vice president of Enrollment Management and Learner Services. A copy of the decision will be sent to the student by certified and regular mail and serves as notice of the Committee decision and any sanctions to be imposed. With the exception of dismissal and expulsion the Student Conduct Committee may impose, on its own authority, all sanctions listed in this policy.

One or more of the following sanctions may be imposed:

- **Written Warning** – A written reprimand for violation of a specific nature, including a warning that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.
- **Exclusion/Removal from University Activity/Event** – A student given this sanction may be barred from attending University sponsored activity and events for a specified pe-

riod of time, not to exceed 180 days. These restrictions may be extended to participation in online events sponsored by the University.

- **Suspension** – A student may be suspended from the University for a specified period of time, not to exceed one year. The student while suspended shall not participate in any University sponsored activity and will be barred from University premises. At the discretion of the provost, a permanent transcript notation of the suspension may be made. Students suspended from the University are not entitled to refunds for tuition or fees associated with their interrupted enrollment.
- **Dismissal from the University** – Permanent separation of the student from the University. A permanent transcript notation is mandatory. Students dismissed from the University are not entitled to refunds for tuition or fees associated with their interrupted enrollment. As the most severe action of the institution, the Committee may recommend dismissal to provost/vice president. Dismissal may only be imposed by the provost/vice president either pursuant to the Committee's recommendation or upon the authority of the provost/vice president. The provost/vice president will notify the student by certified and regular mail if dismissal is imposed.
- **Postponing or Withholding of a Degree** – The University may withhold the award of a degree, otherwise earned, until completion of a disciplinary process set forth in any of its Codes of Conduct.
- **Revocation of a Degree** – An awarded degree may be revoked for fraud, misrepresentation or other violation of University standards.
- **Interim Suspension** – In extreme or emergency circumstances, any vice president of the University may immediately suspend a student from access to University premises, activities or electronic sites pending a conduct hearing or disciplinary action. Such interim suspensions will be reported as soon as possible to all the members of the President's Council.

APPEAL PROCESS

The student shall have the opportunity to appeal any decision involving disciplinary action. Appeals of dismissals and expulsions will be submitted directly to the Office of the President. All other appeals must be submitted in writing to the vice president for Enrollment Management and Learner Services, within fifteen (15) business days after receipt of the disciplinary action. The appeal must specify the grounds on which it is being made. Allowable grounds for appeals are limited to the following:

- Evidence of procedural irregularity that affected the fairness of the hearing
- Evidence of significant mitigating circumstances or facts that could not have been presented to the investigating staff member or at the hearing

- Evidence of undue severity of sanction
- Evidence of bias on the part of the investigating staff member
- Evidence that the decision of the Student Conduct Committee is arbitrary, capricious or unreasonable and that the charges are not supported by the evidence

A written decision will be issued and the student will receive a copy of the appeal decision by certified and regular mail. The appeal decision may require that the previously imposed sanctions be:

- Affirmed
- Suspended, set-aside or rejected
- Modified or adjusted as warranted by circumstance
- Remand for a new hearing

Upon notification, administrative offices throughout the University will take all requisite actions to record and implement the final decision of the University.

APPEALS AND WAIVERS

www.tesu.edu/academics/catalog/Academic-Appeals-and-Waivers.cfm

ACADEMIC APPEALS

Students may appeal an academic decision. Such appeals must be filed within thirty (30) days of the date of the notification of that decision. All appeals must be submitted in writing to the dean of the School in which the student is enrolled. Note that many academic decisions do not require a formal appeal. Students may begin by submitting a statement of why they believe the decision to be in error, including such supporting materials as course descriptions or syllabi, to the Advisement Center.

ACADEMIC WAIVERS

Request for a waiver of a specific requirement and/or University policy must be submitted in writing to the dean of the School in which the student is enrolled.

ADMINISTRATIVE (NONACADEMIC) APPEALS AND WAIVERS

Students may appeal a decision from any office in the University regarding an administrative action, policy or procedure. Such an appeal must be submitted in writing to the Administrative Appeals Committee via mail (Thomas Edison State University - Administrative Appeals Committee, 111 W. State St., Trenton, NJ 08608), email at AdminAppeals@tesu.edu or fax at (609) 943-5232.

Supporting documentation not submitted with the appeal may otherwise be required by the Committee. The Administrative Appeals Committee considers administrative matters involving financial relief, waivers, exceptions to policies and other special considerations of departmental decisions across all divisions of the University.

APPEALS RELATED TO DISABILITY ACCOMMODATIONS

A student must first make a written request to the ADA coordinator. If the request is denied, the student may then send a written appeal to the associate vice president and dean of Learner Services. The appeal must contain the student's full name, student ID number, address, daytime telephone number and email address (if applicable). The appeal must also include the circumstances surrounding the concern such as specific issue(s) and person(s) involved, specific date(s) of the concern and the proposed remedy a student is seeking. The appeal must be submitted within fourteen (14) days of receipt of the original denial.

STUDENT COMPLAINT POLICIES AND PROCEDURES

www.tesu.edu/academics/catalog/Student-Complaint-Policies-and-Procedures.cfm

1. Thomas Edison State University's mission

The University's mission is to provide the highest level of service to its students, in an environment conducive to learning and academic excellence. The University also acknowledges the maturity, autonomy and dignity of its students. Consistent with its mission, the University has instituted various mechanisms to address student complaints. When registering concerns or complaints, University students must follow the appropriate procedures. If a student has any question about the applicable procedure to follow for a particular complaint, the student should contact the Office of the Associate Vice President and Dean of Learner Services at (609) 984-1141, ext. 3090, or escheff@tesu.edu.

2. Complaint Policies and Procedures

If a student has a complaint concerning any of the following matters, the student should refer to the proper resource:

- Grade or Academic Credit Appeal. See Student Forms area of myEdison® or visit www.tesu.edu/studentforms.
- Academic Code of Conduct Policy. See Page 100 or visit www.tesu.edu/academics/catalog/Academic-Code-of-Conduct.cfm.
- Nonacademic Code of Conduct Policy. See Page 102 or visit www.tesu.edu/academics/catalog/Nonacademic-Code-of-Conduct.cfm.
- Policy Against Discrimination and Harassment. See Page 106 or visit www.tesu.edu/academics/catalog/Policy-Against-Discrimination-and-Harassment.cfm.
- Disability Accommodations. See Page 96 or visit www.tesu.edu/academics/catalog/Students-with-Disabilities.cfm.

3. Other Student-Related Complaints

A student who has a complaint that a policy or procedure has been incorrectly or unfairly applied in his/her particular case, or a complaint about the behavior of a mentor or a University staff member that does not fall within any of the categories listed here, the complaint will be handled as follows:

A. Informal Resolution Students are encouraged to speak directly with the mentor or staff member most concerned with or responsible for the situation that is the cause of the complaint. If this communication does not lead to a resolution, or such a discussion is not deemed appropriate, the student may register an informal complaint or file a formal written complaint.

B. Informal Complaint A student may register an informal complaint within thirty (30) days of the event that triggered the complaint. The earlier the communication is made, however, the more likely it is to resolve the matter satisfactorily. Complaints involving academic matters should be made to the dean of the relevant School. Other types of complaints should be made to the head of the appropriate University office. Informal complaints may be made by telephone or email. Appropriate University staff will review the matter presented by the student and determine whether any action is required. The student will be notified of the University's response within twenty (20) days of the informal complaint. If the student is not satisfied with the decision and/or attempts at resolution, he/she may go on to make a formal complaint.

C. Formal Complaint A formal complaint must be submitted in writing to the dean of the relevant School or the head of the appropriate office from which the complaint arises. Formal complaints must be filed within sixty (60) days of the event that triggered the complaint, and state the nature of the grievance and the remedy being sought. Any previous attempts to resolve the issue should also be described.

Receipt of the complaint will be acknowledged within fifteen (15) days. The appropriate University administrator will then review the matter. A final written determination, including any proposed resolution, will be sent to the student within thirty (30) days of the receipt of the complaint. A complete record of formal complaints will be kept by the relevant University office. Records of the final outcome of all formal complaints will also be stored in a centralized database and the student's electronic file.

EQUAL OPPORTUNITY AND DIVERSITY

www.tesu.edu/academics/catalog/Equal-Opportunity-and-Diversity.cfm

Thomas Edison State University is an Equal Opportunity institution. In the operation of its programs and activities (including admissions counseling and advisement), the University affords equal opportunity to qualified individuals regardless of race, color, religion, sex, gender, national origin, ethnic group, affectional or sexual orientation, atypical he-

reditary or cellular blood trait, age, disability, marital/familial status, domestic partnership status or liability for military service. This is in accord with Title VII of the Civil Rights Act of 1964 (which prohibits discrimination on the basis of race, color and/or national origin), Title XII of the Education Amendment of 1972 (which prohibits sex discrimination), Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 (which prohibits discrimination against otherwise qualified people with disabilities) and other applicable laws and regulations.

Inquiries concerning disability accommodations may be directed to Thomas Edison State University, Office of Student Special Services, Attn: ADA coordinator or by calling (609) 984-1141, ext. 3415, or by emailing ada@tesu.edu. Hearing-impaired individuals may call the TTY line at (609) 341-3109.

POLICY AGAINST DISCRIMINATION AND HARASSMENT

www.tesu.edu/academics/catalog/Policy-Against-Discrimination-and-Harassment.cfm

Thomas Edison State University is committed to maintaining an academic environment free from discrimination and harassment. The University prohibits sexual harassment and discrimination based on race, creed, color, national origin, ancestry, marital status, civil union status, domestic partnership status, sex, gender identity or expression, or affectional or sexual orientation, disability or nationality.

Hostile environment harassment based on any of these protected categories is also prohibited. Sexual harassment refers to unwelcome conduct based on a person's sex, including sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when:

1. Submission to such conduct is made either explicitly or implicitly a condition of an individual's academic success.
2. Submission to or rejection of such conduct is used as the basis for academic decisions affecting an individual.
3. Such conduct interferes with an individual's academic performance or creates a hostile academic environment.

Any student who believes that he or she has been sexually harassed or discriminated against by a mentor or University staff member should file a complaint with the University's Title IX Coordinator and Equity/Diversity Office Heather Brooks, hbrooks@tesu.edu. If a student believes that another student has harassed or discriminated against him or her, the student should file a complaint with the Office of the Associate Vice President and Dean of Learner Services at (609) 984-1141, ext. 3090, or escheff@tesu.edu. Students are encouraged to make timely reports so that a satisfactory resolution is more likely.

POLICY AGAINST HARASSMENT, INTIMIDATION AND BULLYING

Any of the following acts are prohibited and could lead to suspension or dismissal from the University:

If a student acts with the purpose to bully, intimidate and harass another person by:

- Making, or causing to be made, a communication or communications (including the use of electronic and/or social media) anonymously or at extremely inconvenient hours, or in offensively coarse language, or any other manner likely to cause annoyance or alarm; or
- Subjecting another to striking, kicking, shoving, or other offensive touching, or threatening to do so; or
- Engaging in any other course of alarming conduct or of repeatedly committed acts with purpose to alarm or seriously annoy such other person, such that the behavior substantially disrupts or interferes with the orderly operation of the institution or the rights of other students to participate in or benefit from the education program.

This policy is in addition to the University's Policy Against Discrimination and Harassment. Issues arising from this policy will be investigated and adjudicated in accordance with the University's Nonacademic Code of Conduct.

DRUG ABUSE PREVENTION

www.tesu.edu/academics/catalog/Drug-Abuse-Prevention.cfm

POLICY ON THE UNLAWFUL POSSESSION, USE OR DISTRIBUTION OF ILLICIT DRUGS AND ALCOHOL BY STUDENTS.

I. Thomas Edison State University students are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession or use of a drug in the University.

- A. A drug means a controlled dangerous substance, analog or immediate precursor as listed in Schedules I through V in the New Jersey Controlled Dangerous Substances Act, N.J.S.A. 24:21 1, et seq., and as modified in any regulation issued by the Commissioner of the Department of Health. It also includes controlled substances in schedules I through V of Section 202 of the Federal Controlled Substance Act (21 U.S.C. 812). The term shall not include tobacco or tobacco products or distilled spirits, wine or malt beverages as they are defined or used in N.J.S.A. 33:1 et seq.
- B. "Student" means all Thomas Edison State University students who are enrolled in degree programs or certificate programs.
- C. "University" means the physical area of operation of Thomas Edison State University, including buildings, grounds and parking facilities controlled by the University. It includes any field location or site at which a student is engaged, or authorized to engage,

in academic work activity and includes any travel between such sites.

II. Sanctions

- A. Any student who is found to be involved in the unlawful manufacture, distribution or dispensation of a drug in the University may face disciplinary sanctions (consistent with local, state and federal law) up to and including termination of the status and referral to the appropriate legal authorities for prosecution.
- B. Conviction (see definition option D) of any student for the unlawful manufacture, distribution or dispensation of drugs in the University will result in the immediate implementation of dismissal or expulsion proceedings.
- C. Any student who is convicted of a federal or state offense consisting of the unlawful possession or use of a drug in the University will be referred to an authorized agency for counseling, and shall be required to satisfactorily participate in a drug abuse assistance or rehabilitation program. Failure to participate as outlined above may result in dismissal.
- D. "Conviction" means a finding of guilt, or a plea of guilty, before a court of competent jurisdiction, and, where applicable, a plea of "nolo contendere." A conviction is deemed to occur at the time the plea is accepted or verdict returned. It does not include entry into and successful completion of a pretrial intervention program, pursuant to N.J.S.A. 2C:43-12 et seq., or a conditional discharge, pursuant to N.J.S.A. 2C:36A-1.

III. Examples of New Jersey Drug Law Penalties

- Six-month loss or delay of a driver's license for conviction of any drug offense
- \$500 to \$300,000 fine for conviction of various drug offenses
- Forfeiture of property including automobiles or houses if used in a drug offense
- Doubled penalties for any adult convicted of giving or dealing drugs to someone under 18 years of age
- 25 years in prison without parole for any adult convicted of being in charge of a drug-dealing ring.

II. Drug and Alcohol Counseling

Referrals may be made to agencies listed in the New Jersey Division of Alcoholism and Drug Abuse, "Directory of Drug Abuse Treatment and Rehabilitation Facilities," and the New Jersey Division of Alcoholism, "Treatment Directory."

Students who reside in New Jersey may be referred to treatment centers listed in the above directories. Out-of-state students may be referred to agencies in their respective states that are listed in the U.S. Department of Health and Human Services directory, "Citizen's Alcohol and Other Drugs Prevention Directory."

III. Appeals

Any student accused of unlawful possession, use or distribution of illicit drugs and/or alcohol may request an internal hearing before the University hearing officer prior to disciplinary action or dismissal.

IV. Health Risks Associated With Alcohol and Drug Abuse

Taken in large quantities over long periods of time, alcohol can damage the liver, brain and heart. Repeated use of alcohol can cause damage to the lungs, brain, liver and kidneys. Death due to a drug overdose is always a possibility for the drug user.

In addition to physical damage caused by alcohol and drug abuse, there are mental effects such as changes in mood and behavior and lack of interest and drive. The University will provide information concerning drug abuse to any student, officer or employee of the University.

Information and referrals to agencies offering drug abuse counseling can be obtained from the Office of Student Special Services at (609) 984-1141, ext. 3445.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974 (FERPA)

www.tesu.edu/academics/catalog/Family-Educational-Rights-and-Privacy-Act-of-1974-FERPA.cfm

Thomas Edison State University adheres to the Family Educational Rights and Privacy Act (FERPA) of 1974, as amended, known as the Buckley Amendment. FERPA affords eligible students certain rights with respect to their education records. Thomas Edison State University makes public announcement of FERPA in its University catalogs.

These rights include:

1. The right to inspect and review the student's education records within forty-five (45) days after the day Thomas Edison State University receives a request for access. A student should submit to the registrar a written request that identifies the record(s) the student wishes to inspect. The registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the registrar, the registrar will advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the school to amend a record should write to the registrar, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the school decides not to amend the record as requested, the

school will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the University discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Thomas Edison State University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue SW
Washington, DC 20202

Thomas Edison State University has designated the following categories of student information as directory information: student name, email address, enrollment status, area of study, degree/honors conferred and dates of conferral. This information may be released for any purpose at the discretion of the University. Students have the right to withhold the disclosure of directory information by written notification to the Office of the Registrar.

Thomas Edison State University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by Thomas Edison State University; serving on the board of trustees or serving on an official committee. A school official also may include a volunteer or contractor outside of Thomas Edison State University who performs an institutional service or function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of personally identifiable information (PII) from education records.

FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, FERPA regulations requires the institution to record the disclosure. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student –

- To authorized representatives of the U. S. Comptroller General, the U. S. Attorney General, the U.S. Secretary of Education, or state and local educational authorities, such as a state postsecondary authority that is responsible for supervising the University's state-supported education programs. Disclosures under this provision may be made in connection with an audit or evaluation of federal- or state-supported education programs, or for the enforcement of or compliance with federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf.
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid.
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate or administer predictive tests; (b) administer student aid programs; or (c) improve instruction.
- To accrediting organizations to carry out their accrediting functions.
- To comply with a judicial order or lawfully issued subpoena.
- To appropriate officials in connection with a health or safety emergency.
- Information the school has designated as "directory information."
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding.
- To the general public, the final results of a disciplinary proceeding if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her.

POLICY ON GRADING

www.tesu.edu/academics/catalog/Policy-on-Grading.cfm

COURSES

The outcome of active, current learning experiences assessed by the University will be graded based upon the scale below. This policy applies to graded course credits earned through the University.

ACADEMIC STANDING: UNDERGRADUATE GRADING SYSTEM

Letter Grade	Quality Points	Numerical Equivalents
A	4.0	93-100
A-	3.7	90-92
B+	3.3	88-89
B	3.0	83-87
B-	2.7	80-82
C+	2.3	78-79
C	2.0	73-77
C-	1.7	70-72
D	1.0	60-69
F	0	Below 60
I	Incomplete (temporary grade)	
IF	0	Below 60

UNIT OF CREDIT

In expressing its degree requirements, Thomas Edison State University uses semester hours measurement. Other colleges define the value of knowledge in semester hours, trimester hours, quarter hours and competencies. All such hours transferred to Thomas Edison State University will be converted to semester hours.

CREDIT WITHOUT A LETTER GRADE

Thomas Edison State University will transcript credit (CR) without a letter grade for the following: prior learning assessment (PLA); e-Pack®; all testing programs (including TECEP®); business, industry and corporate training programs evaluated and recommended for credit by the American Council on Education (ACE) or National CCRS; military training programs evaluated and recommended for credit by the American Council on Education (ACE); licenses, special programs and registries evaluated and recommended for credit by Thomas Edison State University; and credits from foreign universities.

Credits earned are automatically applied to Thomas Edison State University degree programs for enrolled students, but are not calculated into the GPA.

POLICY ON GRADE POINT AVERAGE

An official Thomas Edison State University term and cumulative GPA will be calculated and posted on the official transcript for any student attempting at least 1 semester credit of graded course work at the University. Only grades earned at the University will be considered in the calculation of the official Thomas Edison State University GPA. Transfer grades will not be used in calculating the official Thomas Edison State University GPA.

Grades that reflect attempted graded credits (A, A-, B+, B, B-, C+, C, C-, D, IF and F) will be used to calculate the official Thomas Edison State University GPA. Grades of CR (Credit) and W (Withdrawn) will not be used in the calculation of the GPA, but will be recorded on the student's transcript. Grades of NC (No Credit) and NT (Not Taken) will not be counted in the GPA nor recorded on the transcript. This policy is effective July 1, 2011. It will be applied only to courses for which students register that begin on or after July 1, 2011.

POLICY ON D GRADES

Students may transfer in or apply Thomas Edison State University course grades of D to their nonarea of study requirements as long as their overall grade point average is at least a 2.0, or higher as determined by the School in which they are enrolled, with the following exceptions:

- All area of study courses must be graded C or better in order to apply to area of study requirements
- All required composition courses must be graded C or better

GRADE ROUNDING POLICY

Grades on course assignments and examinations that are determined by percentages involving decimals should be rounded up to the next whole number when equal to .5 or greater. When the decimal is less than .5 the grade is to be rounded down. This policy also applies to final course grades where the final course grade is determined using percentages with decimals.

MINIMUM GRADE POINT AVERAGE FOR GRADUATION

All undergraduate students at Thomas Edison State University are required to maintain an overall minimum average of C in their Thomas Edison State University courses in order to graduate. All area of study courses must be graded C or better in order to apply to area of study requirements for undergraduate students at Thomas Edison State University.

All undergraduate students at Thomas Edison State University are required to maintain a minimum average of C in all the credits applied to their degree (Thomas Edison State University and transfer credits) in order to graduate. All undergraduate students at Thomas Edison State University can only utilize a grade of C or better in the area of English composition in order to graduate.

Graduate students are required to maintain an overall minimum average of B in their Thomas Edison State University courses in order to graduate.

Students must also meet any minimum required GPA standards established by their School to graduate from Thomas Edison State University.

RESIDENCY REQUIREMENTS

www.tesu.edu/academics/catalog/Residency-Requirements.cfm

Thomas Edison State University has certain academic residency requirements, however, there are no physical residency requirements. Thomas Edison State University requires a minimum of 30 credits from a regionally accredited institution for bachelor's degrees and 15 for associate degrees when all other earned credits applied to the degree are from a foreign country, including Canada.

ACADEMIC RESIDENCY REQUIREMENT

- Some programs have academic residency requirements of 12 credits for an associate degree and 24 credits for a bachelor's degree.
- The joint degree programs with Rutgers School of Health Related Professions have academic residency requirements. For associate degrees the requirement is 6 credits and for bachelor's degrees the requirement is 12 credits. This number of credits must be taken from the University before a student in these programs is eligible for graduation.
- For nondegree enrolled students, at least 50 percent of the credits required for an undergraduate or a graduate certificate must be earned at Thomas Edison State University. Application of any transferred credits is at the discretion of the dean.

RESIDENCY FOR TUITION AND ENROLLMENT PURPOSES

Thomas Edison State University will determine residency pursuant to New Jersey Administrative Code 9A:5-1.1-1.2. The Code requires that students be domiciled in the state of New Jersey for a period of 12 months prior to enrollment in a public institution of higher education in order to be eligible for in-state tuition. United States military personnel and their dependents, who are attending public institutions of higher education in New Jersey, shall be regarded as residents of the state of New Jersey for the purpose of determining tuition (N.J.S.A. 18A:62-4.1).

The Office of the Registrar is the University's principal authority on residency determination for tuition purposes. Following the registrar's guidance, initial residency assessment will be determined by the Office of Admissions. The permanent address of the student in effect at the time the student applies for admission will be used to determine residency for tuition purposes. The initial determination will be communicated to the student and used for all tuition and fee assessments until a subsequent change of residency has been approved in accordance with prescribed procedures.

All requests for a change in residency status will be forwarded to the Office of the Registrar. Students who are classified as nonresidents may petition for in-state residency to the Office of the Registrar. The application for state residency status for tuition purposes determination may be obtained on the University website under student forms at www.tesu.edu/studentforms. Please return completed application and documentation to the Office of the Registrar, 111 W. State St., Trenton, NJ 08608.

Students submitting change of address forms (or taking other administrative actions) that indicates their state of residency has changed will be contacted by the University and asked to verify their continued eligibility for in-state tuition. Such verification may require them submit a completed petition/questionnaire and the submission of supporting documentation.

To determine whether a person is a New Jersey domiciliary, the primary evidence is a New Jersey Resident Income Tax Return or in the case of a dependent student, a copy of his/her parent(s), legal guardian's/spouse's New Jersey Resident Income Tax Return. Supplementary evidence may include current voter registration card, New Jersey driver's license and New Jersey motor vehicle registration.

ACTIVE STATUS FOR CONTRACTUAL PROGRAM STUDENTS

www.tesu.edu/academics/catalog/Active-Status-for-Contractual-Program-Students.cfm

Students enrolled in Thomas Edison State University through contractual and military agreements [i.e., Corporate Choice®, eArmyU, Military Degree Completion Program (MDCP), Navy College Program and the Rutgers School of Health Related Professions (formerly University of Medicine and Dentistry of New Jersey) joint degree program] as well as veteran students and veteran family members must demonstrate academic activity by attempting a minimum of 3 semester hour credits over the course of the 12-month period for which they are enrolled.

For example, a student whose course or other credit-earning option began on Sept. 1, 2016, must register for another 3-credit course before Sept. 1, 2017, to be considered an enrolled Thomas Edison State University student for the following year. Students who do not attempt 3 credits in an academic year will be deemed "Inactive."

An "Inactive" military or veteran student may receive the following University services:

- Register for classes online. Military and veteran students will pay the current tuition rate of their respective contract. All other contract students will pay the current nonmatriculated tuition rate. Registration by telephone or fax will also be permitted.

- View grades and current financial aid award status.
- Submit changes to mailing or email addresses.
- Receive academic advising for only current or potential Thomas Edison State University degree programs.

Evaluation updates, review of new transcripts, degree program changes and access to myEdison® account will not be available. "Inactive" students (those who were previously enrolled in the University, but who have not demonstrated academic progress as described above) can reactivate their enrollment in the following ways:

Military and Veteran Students:

- Enroll for a minimum of 3 semester hours in a course or other credit-earning option. Students will be governed by the academic policies in place at the time they began their program.

Other Contractual Students:

- Pay a \$75 reactivation fee and enroll in a course or other credit-earning option. Students who choose this route will be governed by the academic policies in place at the time of their reactivated enrollment.
- Pay the \$75 reactivation fee and provide transcripts demonstrating academic progress (i.e., that they have attempted at least 3 credits) for each 12-month period whose anniversary is the date on which their most recently attempted Thomas Edison State University course or other credit-earning option began. Students who choose this route will be governed by the academic policies in place at the time of their original enrollment with the University.

Military students with a valid Servicemembers Opportunity Colleges (SOC) agreement with Thomas Edison State University, as well as veteran students and veteran family members, and who remain in "Inactive" status for five consecutive years, must reapply for admission to return to the University and will be governed by the academic policies and degree programs in place at the time of their readmission.

GRADUATION

www.tesu.edu/academics/catalog/Graduation.cfm

In order to apply for graduation, students must be within their enrollment year. When all degree requirements have been satisfied, students are required to apply for graduation by submitting the Request for Graduation form in Online Student Services. A student does not automatically become a candidate for a degree.

To be considered for graduation, all academic requirements and financial obligations must have been met by the first day of the month two months prior to the graduation date. The official graduation months are March, June, September and December. Once the application and fee have been received and the Office of the Registrar has certified that all degree

requirements and financial obligations have been met, the Office of the Registrar sends two official letters of degree certification to each graduate and degree-seeking candidates' names are presented to the Thomas Edison State University Board of Trustees for formal approval. Upon approval by the Board of Trustees, graduates receive written confirmation from the Office of the Registrar that the degree was conferred. Diplomas are ordered for each individual graduate and are mailed to graduates within two weeks of the graduation date.

UNDERGRADUATE ADMISSIONS POLICY

www.tesu.edu/academics/catalog/Undergraduate-Admissions-Policy.cfm

UNDERGRADUATE ADMISSIONS POLICY

Thomas Edison State University was created for and serves self-directed adult students by offering the opportunity for qualified persons to earn college degrees and credits. The U.S. Department of Education defines the adult learner, in part, as anyone “engaged in some form of instruction or educational activity to acquire the knowledge, information, and skills necessary to succeed in the workforce, learn basic skills, earn credentials, or otherwise enrich their lives.”

A significant portion of adult learners will often exhibit one or more of these seven characteristics:

- have delayed enrollment into postsecondary education
- attend part time
- be financially independent of parents
- work full time while enrolled
- have dependents other than a spouse
- be a single parent
- lack a standard high school diploma

Thomas Edison State University is committed to assisting self-directed adult students achieve their educational goals. Those students best served by this institution are strongly motivated adult learners who have, though not exclusively, acquired or are acquiring college-level learning in non-collegiate settings.

Thomas Edison State University students are expected to enter the institution with sufficient preparation to benefit from and successfully participate in college-level learning opportunities and college courses. Admission will normally be granted to any individual who possess a U.S. high school diploma, or its equivalent, and meets at least one of the following criteria:

- is at least 21 years of age (unless participating in a special University program); or
- is currently serving on active duty with the armed forces of the United States; or
- already possesses an associate degree from a regionally accredited institution of higher education.

Individuals not meeting this criteria, but who feel they warrant special consideration for other reasons may petition the director of Admissions and Enrollment Services present appropriate documentation to support their being accepted to the University. Students admitted through special consideration are subject to the same academic policies and requirements as those admitted unconditionally.

Thomas Edison State University contracts with professional organizations, businesses, governmental entities, and other colleges and universities for the delivery of various educational services. Individuals affiliated with these groups seeking to enroll at the University will be subject to the admissions qualifications contained in the relevant contracts. (Interested parties should contact their human resources department or admissions@tesu.edu to determine if their employer currently contracts with the University for higher education opportunities and if their agreements contain any unique admissions requirements.)

The University maintains sole discretion for determining those students who would benefit appropriately from the learning and educational processes of this institution. Thomas Edison State University is an Equal Opportunity institution, in compliance with Title VII of the Civil Rights Act of 1964, Title XII of the Education Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, the Family Educational Rights and Privacy Act of 1974 and other applicable laws and regulations.

COMPREHENSIVE STATEWIDE TRANSFER AGREEMENT

www.tesu.edu/academics/catalog/Comprehensive-Statewide-Transfer-Agreement.cfm

The New Jersey Commission on Higher Education has a policy that guarantees admission to a state college to a graduate with an Associate in Arts or Associate in Science degree from any New Jersey county or community college or Thomas Edison State University. This policy applies to Thomas Edison State University students who have completed an Associate in Arts or an Associate in Science degree and transfer to another New Jersey state college to complete a bachelor's degree. Students must meet the degree requirements of the specific program in which they enroll; these requirements are determined by the respective state colleges.

This policy also applies to students who have completed an Associate in Arts or an Associate in Science degree at a New Jersey county/community college and transfer to Thomas Edison State University to complete a bachelor's degree.

Acceptability for admission and acceptance of credits for nongraduates shall be at the discretion of the state college. The policy of the Commission on Higher Education includes the following:

- > **Graduates with Associate in Arts and Associate in Science degrees.** Graduates shall be guaranteed admission to a state college, although not necessarily to the college of their first choice. While admission to a state college is guaranteed, admission to a specific curriculum shall be determined by the college based upon the criteria which it imposes upon its own students.
- > **Nongraduates of Associate in Arts and Associate in Science programs.** Normally students are encouraged to complete the associate degree prior to transfer. However, state colleges may admit nongraduates under the same conditions which they impose upon any transfer student. Acceptability for admission and acceptance of credits shall be at the discretion of the state college.
- > In accordance with the Comprehensive Statewide Transfer Agreement 300 and 400 level (upper-division level) at four-year institutions have no course equivalents at the community colleges. Therefore, community college courses will not be applied to upper-division level course requirements.

A copy of the full policy is filed in the Office of the Registrar and is available to students.

NOTE: Graduates and nongraduates of Associate in Applied Science programs. State colleges may admit graduates or nongraduates of applied science programs and decide on the transferability of credits at their discretion.

NEW JERSEY STATEWIDE TRANSFER AND ARTICULATION AGREEMENT APPEALS PROCESS

www.tesu.edu/current-students/NJ-Articulation-Process.cfm

Thomas Edison State University has implemented the New Jersey Statewide Transfer and Articulation Agreement policies as a transfer resource to support course transfer decisions made by the University. The University provides an appeal process for students who believe a transfer decision is not consistent with this policy. This appeal process is featured on the University's website and in the University catalogs. Questions regarding the appeal process can be forwarded to the Office of the Registrar by phone at (609) 984-1180 or by registrar@tesu.edu.

PROCEDURES AND APPEAL GUIDELINES REVIEW PROCEDURES

www.tesu.edu/academics/catalog/Procedures-and-Appeal-Guidelines.cfm

Undergraduate students who disagree with any portion of their transfer credit evaluation should submit a written request for review to the registrar by mail to: Office of the Registrar, Thomas Edison State University, 111 W. State St., Trenton, NJ 08608 or by email to registrar@tesu.edu.

Students have thirty (30) calendar days from receipt of the academic evaluation to file an appeal. The request for review should include the following information:

- > Your full name
- > Thomas Edison State University ID number
- > Mailing address and phone number
- > Email address
- > Detailed narrative to include supporting rationale and reason for appeal
- > Documentation that supports the request. This could include course descriptions, course syllabus, course objectives, learning outcomes, transcripts or other relevant information

Thomas Edison State University's Office of the Registrar will conduct a review of the credit evaluation and respond to the student in writing with a decision.

FORMAL APPEALS

Undergraduate students not satisfied with the Office of the Registrar's determination or who believe that the decision is not consistent with the Statewide Transfer and Articulation Agreement may appeal in writing to the associate vice provost within thirty (30) calendar days of receipt of the decision of the Office of the Registrar. The appeal should contain the same information required for the registrar's review (noted previously) along with any additional explanations or arguments the student wishes to have considered. The associate provost will consider the appeal within thirty (30) calendar days of receipt. In his/her deliberation, the associate provost may consult with subject matter experts or other members of the provost's staff. She or he may affirm, reject, modify or adjust the transfer credit evaluation as deemed appropriate and will inform the student, in writing, of the University's decision. The decision of the provost's office is final and may not be appealed within the institution.

DEGREE REQUIREMENTS, SEQUENTIAL COURSE WORK AND COURSE REPEAT POLICY

www.tesu.edu/academics/catalog/Degree-Requirements,-Sequential-Course-Work-and-Course-Repeat-Policy.cfm

DEGREE REQUIREMENTS

Thomas Edison State University awards degrees that reflect the general content of an American education. As part of the credit requirement for the bachelor's degree, foreign citizens will be required to complete a minimum of 30 credits in subject areas taught in American colleges and universities. This requirement is applied to a minimum of 15 credits for the associate degree programs.

Enrollment of foreign students residing outside the United States will be restricted as described below. International students are not eligible for enrollment in the following programs:

- > Bachelor of Science in Health Sciences (BSHeS)
- > Bachelor of Science in Human Services (BSHS)
- > Bachelor of Science in Nursing (BSN)

- Associate in Arts in Human Services (AAHS)

In the degree programs listed below, if professional credits are more than 10 years old, a Demonstration of Currency (DOC) is required:

- Bachelor of Science in Applied Science and Technology (BSAST)
- Bachelor of Science in Business Administration (BSBA)
- Associate in Science in Applied Science and Technology (ASAST)

SEQUENTIAL COURSE WORK

With the exception of English Composition I and II, if a student has successfully completed a second course of sequential courses, he/she does not have to complete the first course. Please note that the reference to “sequential courses” means that knowledge of the second course is reliant on knowledge of the first course such as Calculus I and II. Students do, however, have to complete the minimum number of credits in each area to fulfill graduation requirements.

UNDERGRADUATE COURSE REPEAT POLICY

Undergraduate students may repeat, without limitation, a course for the purpose of raising the course grade. Only the highest grade will be calculated in the GPA. All grades will appear on the official transcript. Students must also adhere to any repeat policy standards established by their School or specific method of earning credit.

DUPLICATION OF CREDIT

Repeated courses will appear on the transcript marked as “repeats.” Semester hours will only be assigned in the case of repeated Thomas Edison State University courses. Repeated transfer courses or assessment credit will appear as repeats with 0 semester hours assigned.

EVALUATION OF TRANSCRIPTS AND CREDENTIALS

<http://www.tesu.edu/academics/catalog/Evaluation-of-Transcripts-and-Credentials.cfm>

After students apply, the University will evaluate all official documents and notify applicants of the credits accepted by the University. All grades transferred will remain in the record and will appear once a Thomas Edison State University transcript is created upon enrollment. No courses/grades can be removed from the record once sent to TESU for evaluation. Evaluation may be done for one associate and one bachelor's degree at the same time. Applicants will receive an Academic Evaluation showing how accepted credits will apply toward their degree and what credits are needed to complete the degree program. If there is any doubt as to the content of a particular course, applicants will be asked to submit additional information such as a course syllabus or outline.

THOMAS EDISON STATE UNIVERSITY TRANSCRIPTS

www.tesu.edu/academics/catalog/Thomas-Edison-State-College-Transcripts.cfm

All credits evaluated by the University will appear on the transcript. No courses/grades can be removed from the record once sent to TESU for evaluation.

Transcripts are provided to students who are enrolled students, graduates or were a previously enrolled student. Applicants are not entitled to a Thomas Edison State University transcript, except for courses they have taken with the University as a nonmatriculated student. Transfer credits will be identified by department code, course number, course title and credits.

PROCEDURE FOR HAVING OFFICIAL DOCUMENTATION SUBMITTED

www.tesu.edu/academics/catalog/Procedure-for-Having-Official-Documentation-Submitted.cfm

Official documents include transcripts from regionally accredited or candidate for accreditation institutions, military or corporate training reviewed for college credit by the American Council on Education (ACE) or National CCRS, licenses/certificates or courses reviewed by Thomas Edison State University and listed in the Thomas Edison State University catalogs, standardized tests and examinations.

Documents not included above should be retained by a student until after enrollment for possible submission if prior learning assessment (PLA) is attempted.

1. Transcripts from all regionally accredited colleges that were attended must be sent by the college attended directly to the Office of the Registrar at Thomas Edison State University. When requesting a transcript, students should provide their former college with: maiden name or former name, college ID number at that institution, Social Security number, date of birth, years in attendance and address of Thomas Edison State University. An official transcript from their diploma program in nursing must be submitted by RNs if applying to the BSN degree program.
2. With the exception of official transcripts, all other military documents (i.e. licenses and/or certificates) should be photocopied, certified by a notary public to be a true copy and mailed by the student to:

Thomas Edison State University
Attn: Office of the Registrar
111 W. State St.
Trenton, NJ 08608

Military personnel in the Army, Army National Guard, Army Reserves, Navy, Coast Guard and Marines should submit a Joint Service Transcript (<https://jst.doded.mil/official.html>). Air Force personnel should contact the Community

College of the Air Force (CCAF) for transcripts (<http://www.au.af.mil/au/barnes/ccaf/transcripts.asp>).

3. Training programs reviewed and recommended for credit by the American Council on Education's (ACE) College Credit Recommendation Service must be submitted on an ACE Registry transcript. To have an ACE transcript sent to the University, call (866) 205-6267 or email credit@ace.nche.edu.
4. Official transcripts for any completed college-level examinations must be mailed to the Office of the Registrar by the organization responsible for the tests.
5. An enrolled student may transfer a maximum of 90 credits from international institutions. Thomas Edison State University does not participate in the Student and Exchange Visitor Information System (SEVIS). Therefore the University does not sponsor foreign national students for F-1 or J-1 visa status.

TESU will not evaluate transcripts from other countries and there is no need to send them to us. The University will accept credit recommendations from a required course-by-course evaluation completed by any of the following agencies:

Academic Credentials Evaluation Institute, Inc.
www.acei1.com

Center for Applied Research, Evaluations
& Education, Inc.
www.iescaree.com

Educational Credential Evaluators, Inc. (ECE)
www.ece.org

World Educational Services, Inc. (WES)
www.wes.org

SDR Educational Consultants
www.sdreducational.org

SpanTran Evaluation Services
www.spantran.com

Transcript Research
www.transcriptresearch.com

All costs associated with the international credit evaluation are the responsibility of the student. The University reserves the right to make its own determination on the amount and type of credit to be awarded based on the evaluations provided by these agencies. Students may select one of the evaluations prepared on their behalf by one of the agencies identified above. There will be no mixing and matching of evaluations. Only courses with a grade of C or better, or "Pass" for pass/fail courses will be accepted in transfer.

6. Students who have other licenses/certificates should submit photocopies, certified by a notary public to be true copies, to the Office of the Registrar. In certain circumstances Thomas Edison State University will accept the certification of a commissioned officer in the United States

armed forces in lieu of a notary public's signature. See www.tesu.edu for specific instructions if you wish to submit documents certified by a commissioned officer.

ACADEMIC AND FINANCIAL STANDING, CATALOG CURRENCY AND INDIVIDUAL LEARNING ACCOUNT

www.tesu.edu/academics/catalog/Academic-and-Financial-Standing,-Catalog-Currency-and-Credit-Banking.cfm

CERTIFICATION OF GOOD ACADEMIC AND FINANCIAL STANDING

For letters of good standing, a student must be in good academic and financial standing. Students must be actively enrolled to receive a letter of good standing. Written requests should be addressed to the Office of the Registrar.

Written requests for letters of recommendation for admission to graduate schools should be addressed to the dean of the School in which the student is enrolled. For certifications relative to financial aid/loans, written requests should be made to the director of the Office of Financial Aid.

CATALOG CURRENCY

Students must use the Thomas Edison State University *Undergraduate Catalog* or *Graduate Catalog* that is in effect on the date of enrollment to determine graduation requirements. However, if students change their degree program or allow their enrollment to lapse; necessary graduation requirements will be required as listed in the *Undergraduate Catalog* or *Graduate Catalog* in effect at the time the official change or re-enrollment is recorded in the Office of the Registrar.

INDIVIDUAL LEARNING ACCOUNT

Individual Learning Account is available to individuals who wish to document college-level military experience, licenses, college proficiency examinations and college-level corporate training programs. To apply for an Individual Learning Account, complete a Nondegree Services Application, which may be accessed at www.tesu.edu/studentforms.

The Individual Learning Account application fee entitles students to transcription services for one year. Students are advised that credits transcribed under the Individual Learning Account program may or may not apply to a degree program at Thomas Edison State University or another college. It is the student's responsibility to ensure that a receiving institution's academic policy will allow transfer of each credit. Credit will not be transcribed in cases of obvious or apparent duplication or for courses deemed to be developmental. Individual Learning Account students who later decide to enroll at Thomas Edison State University should file an application for admission and submit the appropriate fees. At that time all credits will be reviewed for acceptance in the degree and the student will be informed as to which credits are appropriate for the specific degree. Individual Learning Account is not available for foreign credentials nor is credit given for courses taught.

STUDENT RECORDS AND CHANGING DEGREE STATUS

www.tesu.edu/academics/catalog/Student-Records,-Changing-Degree-Status-Change-of-Records

Students can only make changes to their permanent records during the period of active enrollment.

KEEPING RECORDS CURRENT

A student's demographic information should be kept current at all times. Such information can only be changed on the written request of the student or by the student themselves.. Students are responsible for updating their information on Online Student Services or by notifying the Office of the Registrar of changes in the following: name, address (including county), employment, email address, telephone and/or degree.

CHANGE OF PROGRAM/DEGREE STATUS

When students change their degree program or change from nondegree-seeking to degree-seeking status, they are required to follow the graduation requirements in effect at the time the official change is recorded in the Office of the Registrar. Students are required to request change of degree or an area of study/concentration/option in writing. Such requests should be addressed to the Office of Academic Advising.

UNDERGRADUATE TUITION AND FEE DESCRIPTIONS

www.tesu.edu/academics/catalog/Undergraduate-Tuition-and-Fee-Descriptions.cfm

The tuition and fees are adjusted on July 1 each year. Information on tuition and fees is available to students through the University website at www.tesu.edu/tuition. Information on graduate tuition and fees is available in the *Graduate Prospectus* and on the University website. Tuition and fees are subject to change without prior notice.

ADMISSION APPLICATION FEE

This nonrefundable fee and a completed application establish the applicant's file. The Application Fee extends for one year from the date of application. Applicants who do not enroll during this period of eligibility will have to reapply to the University before enrolling. The Application Fee is waived for Thomas Edison State University alumni.

COMPREHENSIVE TUITION PLAN

The Comprehensive Tuition Plan allows students to pay one convenient tuition each year they are enrolled and allows a student to attempt a maximum of 36 credits of Thomas Edison State University courses (Guided Study, online and e-Pack® courses) as well as TECEP® examinations and prior learning assessment (PLA). The maximum of 36 credits will include all credits registered for even if a student later withdraws; for example, if a student registers for 12 credits but withdraws from a 3-credit course, the student will have used 12 credits of their 36 credits leaving a balance of 24 credits. Once a student registers for 36 credits under their Comprehensive Plan, their enrollment plan with Thomas Edison State University will be

changed to the Per Credit Tuition Plan for the balance of their enrollment year. The student will be required to pay per credit tuition and fees for any additional courses for which they register. In addition, any enrollment extension paid for by a student who was previously under the Comprehensive Plan will be under the Per Credit Tuition Plan.

This tuition covers all administrative costs associated with a Thomas Edison State University education except the Graduation Fee, Course Extension Fee, TECEP® Rescheduling Fee, Transcript Fee, Late Course Registration Fee and Took Final Exam After Term End Fee, and textbooks. Students may take up to 12 credits per term for a maximum of 36 course credits a year. All audiotapes and videotapes associated with various courses are also covered in the tuition although a refundable deposit is required of students ordering the materials from MBS Direct, the University's textbook supplier. Visit <http://direct.mbsbooks.com/tesu.htm> for more information.

PER CREDIT TUITION PLAN

The Per Credit Tuition Plan enables students to register and pay for course tuition on a per credit basis directly after they apply and are accepted into a degree program. Students who select the Per Credit Tuition Plan with the intention of graduating from Thomas Edison State University have academic residency requirements of 12 credits for an associate degree and 24 credits for a bachelor's degree. Residency requirements are met by earning credits via Thomas Edison State University online (OL), Guided Study (GS) or e-Pack® (EP) courses.

MILITARY TUITION AND FEES

A separate tuition and fees schedule is provided to students in the military.

NOTE: Active-duty military personnel who enroll in the Military Degree Completion Program (MDCP), Navy College Program Distance Learning Partnership (NCPDLP), GoArmyED or eArmyU, will pay the respective tuition rates. Regardless of residency, full-time active duty military personnel and their dependents have the option to pay New Jersey residency tuition and fees.

NURSING TUITION AND FEES

A separate tuition and fee schedule is in effect for students in the W. Cary Edwards School of Nursing.

NOTE: Active duty military personnel who enroll in the W. Cary Edwards School of Nursing will pay the nursing program tuition rate. Visit www.tesu.edu/nursing to view the W. Cary Edwards School of Nursing Tuition and Fees Schedule.

COURSE EXTENSION

Students fall under the policies and procedures in effect on their course start date. Students making satisfactory progress may apply for one eight-week extension per course. Mentors must certify that 50 percent of the course work has been completed, and the student must pay the extension fee. Other than the mentor's certification, no other documentation is required. The Office of the Registrar will process the request and notify the student of their new course ending date. With the exception of extensions related to military deployments, all students must pay for the extension. This requirement applies even in cases of medical illness or financial hardship. In cases involving military deployments, documentation presented must show deployment dates relevant to the specific course.

In limited circumstances, such as severe illness or medical treatment, students may apply for a second extension of eight weeks. In these cases students must submit appropriate supporting documentation relevant to the issue preventing course completion during the first extension and pay another extension fee. The Office of the Registrar will determine if the second extension is warranted and notify the student of their decision and, if approved, of their new course ending date.

For both first and second extension, the eight weeks will be added to the current end date of the course in question. Students cannot have more than 16 additional weeks added to the original start date of their term. Students may not request more than two extensions for a single course. Students may not apply for (or be granted) an extension after the last day of the course.

GRADUATION FEE

This fee covers the cost of awarding the degree and maintenance of the student's transcript.

TRANSCRIPT FEE

This fee is charged for each transcript (official or student copy) that a student requests be issued and released. This fee will be used to defray the cost involved in the issuance of each transcript.

REFUND POLICY

Comprehensive Tuition Plan: If a student requests a refund to terminate their comprehensive tuition plan enrollment within 30 days after the payment was received, 50 percent of the enrollment tuition may be refunded. All requests for refunds must be submitted in writing to the Office of the Registrar. See the course tuition refund policy for refunds of the Per Credit Tuition Plan on Page 121 or at www.tesu.edu/academics/catalog/Course-Withdrawals-and-Refunds.cfm.

NONREFUNDABLE TUITION AND FEES

The following tuition and fees are nonrefundable: application, graduation, course extension, late registration for courses, Credit Banking, transcripts and graduation re-enrollment fee.

FEES FOR NON-ENROLLED STUDENTS

Non-enrolled students use services at the University and pay for them on a per-service fee basis. Non-enrolled students must complete the online application and may take Thomas Edison State University courses, TECEP® examinations and prior learning assessment (PLA) by paying for each on an individual basis. However, they are not eligible for any degree until they become an enrolled student by paying the Comprehensive Tuition, the Per Credit Tuition or the W. Cary Edwards School of Nursing Tuition. The University also offers non-degree services such as Individual Learning Account.

CATALOG YEAR EXTENSION AND READMISSION

www.tesu.edu/academics/catalog/Leave-of-Absence-and-Readmission.cfm

CATALOG YEAR EXTENSION

If it is necessary for an enrolled student to “stop out” at the end of his/her enrollment year, it is to the student's advantage to request an official Catalog Year Extension from the University. A student may request a Catalog Year Extension from the University for a one-year period by filling out the Catalog Year Extension Form and returning it to the Office of the Bursar with the processing fee. The request may also be made in writing if the student does not have the form. It is to a student's advantage to wait until the enrollment fee is ready to expire before requesting a Catalog Year Extension as an enrollment fee is due again upon returning from taking time off.

Requesting a Catalog Year Extension does not entitle a student to an enrollment fee refund, nor does it freeze a student's year of service. The Catalog Year Extension should be requested if the student does not plan, for any reason, to continue their enrollment. Taking time off from a degree program does NOT automatically withdraw the student from his/her course enrollments. Students who are currently enrolled in Thomas Edison State University courses, TECEP® examinations or portfolios, must continue to work on them and adhere to all deadlines. Students who are unable to continue with their courses, TECEP® examinations or portfolios, must withdraw from them in accordance with the instructions given in course materials in addition to filing for a Catalog Year Extension. A student who requests a Catalog Year Extension may, within one year, become active by notifying the Office of the Bursar, paying the appropriate enrollment fees and completing the degree requirements for the year of his/her enrollment. Students may request up to three Catalog Year Extensions in a row.

RETURNING FROM TAKING TIME OFF

A student who requests a Catalog Year Extension may, within one year, return to enrolled student status by selecting one of the University's enrollment plans and submitting the Return from Time Off Form.

Comprehensive Tuition Plan: a one-time, flat annual tuition and may register for up to 36 credits in a single year and receive all student services entitled to enrolled students

Per Credit Tuition Plan: There is no annual fee required. Students register and pay for course tuition on a per-credit basis and are enrolled in the University based on the course registration activity. The University's per credit tuition plans include enrollment plans for the W. Cary Edwards School of Nursing, the Navy College Program, Military Degree Completion Program and Corporate Choice® as well as the University's standard Per Credit Tuition Plan.

READMISSION

Applicants who do not enroll by paying an enrollment tuition during the 12-month period from the date of application must reapply by paying the Application Fee again and resubmitting all documents.

Enrolled students who do not renew their enrollment by paying enrollment tuition on their anniversary date and who do not officially request a Catalog Year Extension must reapply by filling out a new application for admission and paying the Application Fee and an enrollment tuition. The student's anniversary enrollment date will be the new enrollment date.

READMISSION OF THOMAS EDISON STATE UNIVERSITY GRADUATES

Graduates of the University who return for a second degree must fill out an application for admission and pay only a current enrollment tuition.

DEGREE REQUIREMENTS FOR RETURNING STUDENTS

Enrolled students who officially request a Catalog Year Extension from the University and re-enroll within the approved period may complete the degree requirements that were in effect at the time of their initial enrollment if they continue in the same degree. If they re-enroll in a different degree, they will be required to complete the degree requirements in effect at the time of re-enrollment. Enrolled students who do not officially request a Catalog Year Extension from the University and re-enroll will be required to complete the degree requirements in accordance with academic policies in effect at the time of re-enrollment.

AWARD OF DEGREES

www.tesu.edu/academics/catalog/Award-of-Degrees.cfm

FIRST ASSOCIATE DEGREE

If a student has completed an undergraduate, advanced or professional degree from a regionally accredited institution and applies for an associate degree, he/she must complete a minimum of 12 credits in the option beyond credits completed on the date the most recent degree, regardless of academic level, was awarded. The student must also meet all requirements specific to the degree.

FIRST SIMULTANEOUS ASSOCIATE AND BACCALAUREATE DEGREES

Students who desire both a Thomas Edison State University associate degree and a Thomas Edison State University baccalaureate degree may have both degrees awarded together in the same graduation cycle.

SECOND ASSOCIATE DEGREE

Students who have received one associate degree from a regionally accredited institution and wish to earn a second associate degree must:

- Complete a minimum of 12 additional credits for a second associate degree beyond the date the most recent degree, regardless of academic level, was conferred.
- Additional credits must be earned in the degree option or area of study where an option or area of study is part of the degree.

- Students must complete all requirements for the degree as listed in the current Thomas Edison State University *Undergraduate Catalog*.

FIRST BACCALAUREATE DEGREE

Students who have earned a baccalaureate degree from a regionally accredited institution must follow the policies and procedures under "Second Baccalaureate Degree." A student may have completed an associate degree or degrees prior to earning his/her first baccalaureate degree.

ENROLLMENT IN A FIRST BACCALAUREATE DEGREE AFTER EARNING A GRADUATE DEGREE

If a student has earned a graduate or a professional degree from a regionally accredited institution, but has not earned a baccalaureate degree from a regionally accredited institution, the student must:

- Complete a minimum of 24 credits in the area of study and/or core of the baccalaureate degree. These credits must be earned after the date the most recent degree, regardless of academic level, was conferred.
- Complete all the general education requirements required for the baccalaureate degree.
- Complete all other baccalaureate degree requirements as listed in the current Thomas Edison State University *Undergraduate Catalog*.

SECOND BACCALAUREATE DEGREE

Students who have received one baccalaureate degree from a regionally accredited institution and wish to earn a second baccalaureate degree must:

- Complete a minimum of 24 credits. These credits must be in the area of study and/or core of the degree. These credits must be earned after the date the most recent degree, regardless of academic level, was conferred.
- Additionally, students must complete all other degree requirements as listed in the current Thomas Edison State University *Undergraduate Catalog*.

The University will not award a third associate or baccalaureate degree.

SECOND AND SUBSEQUENT MASTER'S DEGREE

Students who hold a master's degree from a regionally accredited institution may earn another master's degree under the following conditions:

- Students may apply no more than 12 graduate semester hours of credits from any previously earned, regionally accredited master's degree(s) toward the new master's degree.
- Students must also adhere to any additional degree and transfer credit policies imposed by the School in which their degree is to be earned.

UNDERGRADUATE NONMATRICULATED STUDENT STATUS POLICY

www.tesu.edu/academics/catalog/Undergraduate-Nonmatriculated-Student-Status-Policy.cfm

Undergraduate nonmatriculated students are those students who enroll in courses or examinations but have not applied for admission to nor been accepted into a specific degree program at Thomas Edison State University. Nonmatriculated students do not receive advisement services, may not apply for graduation. Only a matriculated student may be awarded a degree. Generally, there is no limit to the number of courses or credit hours a student in nonmatriculated status may earn; however, some schools may put a limit on the number of credit courses a student may take as an undergraduate nonmatriculated student. Additionally, undergraduate nonmatriculated students may be restricted from enrolling in selected courses by the schools.

Undergraduate nonmatriculated students are governed by the policies in effect at the time of their course registration. Should a nonmatriculated student choose to enroll in the University and pursue a degree program, courses and credits earned at Thomas Edison State University while an undergraduate nonmatriculated student will be evaluated based on the policies and degree requirements in place at the time the nonmatriculated student enrolls in a specific degree program. All students are governed by the curriculum and policies in place at the time the student becomes matriculated into a specific degree program.

SUBMISSION OF FRAUDULENT DOCUMENTS POLICY

www.tesu.edu/academics/catalog/Submission-of-Fraudulent-Documents-Policy.cfm

The submission of documents such as transcripts, diplomas, test scores, references or applications, that are forged, fraudulent, altered from the original, materially incomplete, obtained under false pretenses or otherwise deceptive (collectively referred to as fraudulent documents) is prohibited by Thomas Edison State University.

All documents submitted to the University, in support of applications for admission, academic evaluations or required administrative processing must be true, accurate and complete. Supporting documents must not make misrepresentations, omit relevant information or be altered from the original.

Any documents submitted under false pretenses, forged or misrepresented (in whole or part) shall subject the individuals involved to sanctions by the University. Specifically, Thomas Edison State University reserves the right to withdraw offers of admission, place a temporary or permanent ban on applying for future admission, prohibit registration, rescind degrees, and suspend or expel students who present fraudulent documents. Such actions may also result in a forfeiture of academic credit earned while enrolled under false pretenses. Dismissal for misconduct does not abrogate a

student's financial responsibility to the University, the federal government or private loan providers. Students remain liable for all relevant tuition and fees and the payment of their debts.

It is illegal for any person to falsely represent themselves as having received a degree. N.J.S.A. 18A:3-15.2. Such a violation is punishable by a monetary penalty per offense. Moreover, forgery of a document is a criminal offense that can be prosecuted under criminal law. N.J.S.A. 2C:21-1. The University reserves the right to file criminal charges against any individual who submits fraudulent documents in accordance with the laws of the state of New Jersey and/or appropriate U. S. federal statute.

ENROLLED UNDERGRADUATE STUDENTS

www.tesu.edu/academics/catalog/Enrolled-Undergraduate-Students.cfm

Students enrolled in a Thomas Edison State University degree program are strongly encouraged to consult with an academic program advisor before registering for courses and examinations to be certain their selections are appropriate. Students receiving financial aid must have their course selections approved on a degree program plan by an advisor. In all cases, it is the student's responsibility to know and fulfill degree requirements.

Your degree program plan will note courses and/or examinations that are appropriate for your degree. You may register for a course by submitting the Course Registration Form or TECEP® Examination Form to the Office of the Registrar by phone, fax, email or electronically via the University website www.tesu.edu/students.

Please note that some degrees may require students to take courses at other institutions. You are responsible for any and all costs incurred at other institutions.

VETERANS AND MILITARY PERSONNEL

www.tesu.edu/academics/catalog/Veterans-and-Military-Personnel.cfm

To be approved for certification for veterans' benefits at Thomas Edison State University, a course must be designated as either and online, Guided Study or TECEP®. PLA and e-Pack® courses are not eligible for veterans' benefits. Students using the Post 9-11 GI Bill/ Chapter 33 VA benefits, once all of the necessary forms are completed, will be able to register for classes and payment will be forwarded from Veterans Affairs to Thomas Edison State University. For students using any other VA Chapter benefits, tuition and fees are due upon enrollment; Veterans Affairs will reimburse the student according to VA policy. Students are responsible for securing the necessary VA forms, which must be submitted with the registration. Additional information may be obtained online at www.tesu.edu, from the Thomas Edison State University Office of Military and Veteran Education by calling (888) 442-8372, or from the local VA office.

Students who are active duty military may be eligible for tuition assistance. Students can contact their military education office for details. Active duty Army soldiers wishing to use tuition assistance should use the Army's Tuition Assistance portal located at www.GoArmyEd.com.

Active duty, Reserve and National Guard service members pursuing an undergraduate degree from Thomas Edison State University are advised to be in either the Military Degree Completion Program (MDCP) or the Navy College Program Distance Learning Partnership (NCPDLP). Service members not pursuing a Thomas Edison State University undergraduate degree still qualify for MDCP or NCPDLP tuition rates.

Students participating in the military education programs have an academic residency requirement. Twenty-four credits must be earned from Thomas Edison State University for bachelor's degree students and 12 credits must be earned from Thomas Edison State University for associate degree students.

Thomas Edison State University is a participating institution in the Servicemembers Opportunity Colleges, the Navy College Program Distance Learning Partnership (NCPDLP), the Navy College Program for Afloat College Education (NCPACE) and the GoArmyEd program. It is also a Level One provider for both the Coast Guard Institute and the Army National Guard Education Support Center.

College Partnership with the Community
College of the Air Force.

Community College of the Air Force
General Education Program (GEM)

Air University Associate to Baccalaureate
Cooperative Program (AU-ABC)

Obtain additional information by calling the Office of Admissions toll free at (888) 442-8372.

ACADEMIC INTEGRITY AND STUDENT RESPONSIBILITIES

www.tesu.edu/academics/catalog/Academic-Integrity-and-Student-Responsibilities.cfm

ACADEMIC INTEGRITY

A detailed statement of what constitutes academic honesty and plagiarism is included in this *Catalog*. By registering for a course, students agree to abide by this statement. Academic dishonesty will result in disciplinary action and possible dismissal from the University. The University is committed to helping students understand the seriousness of plagiarism, which is defined as the use of the work and ideas of others without proper documentation. Students who submit course materials or examination responses that are found to be plagiarized will receive an F on the plagiarized assignment, may receive a grade of F for the course and may face dismissal from the University.

STUDENT RESPONSIBILITIES

Thomas Edison State University students are expected to exhibit the highest level of academic citizenship. In particular, students are expected to read and follow all policies, procedures and program information guidelines contained in publications; pursue their learning goals with honesty and integrity; demonstrate that they are progressing satisfactorily and in a timely fashion by meeting course deadlines and following outlined procedures; observe a code of mutual respect in dealing with mentors, staff and other students; behave in a manner consistent with the standards and codes of their professions; keep official records updated regarding changes in name, address, telephone number or email address; and meet financial obligations in a timely manner. Students not practicing good academic citizenship may be subject to disciplinary action including suspension, dismissal or financial holds on records.

TWO AREAS OF STUDY WITHIN ONE DEGREE

www.tesu.edu/academics/catalog/Two-Areas-of-Study-Within-One-Degree.cfm

Students may complete up to two areas of study within one bachelor's degree. No more than 9 credits that are used in the first area of study may be used for the second area of study. All related required credits for each area of study, as well as all degree requirements, must be met at the same time. Students cannot complete a third area of study within one bachelor's degree.

UNDERGRADUATE COURSE POLICIES AND REGULATIONS

COURSE WITHDRAWALS AND REFUNDS

www.tesu.edu/academics/catalog/Course-Withdrawals-and-Refunds.cfm

A withdrawal request must be processed online or be made on the Request for Course Withdrawal Form found in the Course Manual, online at www.tesu.edu/studentforms or in a letter addressed to:

Office of the Registrar
Thomas Edison State University
111 W. State St.
Trenton, NJ 08608
Fax: (609) 292-1657

Stopping payment on credit cards or checks does not constitute an official withdrawal, nor does it relieve the student from his/her financial obligation to the University. Failure to submit assignments or take examinations does not constitute an official withdrawal, nor does verbal notification to the mentor or to any member of the University staff before the end of the term.

A request for course withdrawal will only be accepted online or in writing and must be submitted before the end of the term. A withdrawal request will not be processed if it is submitted after the course has officially ended. Students will not be permitted to withdraw after an official course extension has ended.

A written withdrawal request must cite the student's course code, course name and the mentor's name as well as the student's name and University ID number. The postmark, email or fax date will constitute the official withdrawal date.

Failure to withdraw as stated above will result in the forfeiture of any refund and may result in a failing grade. If a student wishes to withdraw from a degree program at the University, the student must do so in writing to the Office of the Registrar.

WITHDRAWAL TUITION REFUND SCHEDULE

Tuition refunds for course withdrawals will be processed within two weeks after the withdrawal request is received in the Office of the Registrar. Late registration fees are not refundable. There are no refunds for Comprehensive Tuition students.

Return any course materials to the textbook supplier, not to the University. Please refer to policies and procedures issued by the supplier regarding materials returns.

Withdrawal requests must be postmarked, emailed or fax dated according to the following schedule for the corresponding tuition refund.

REFUND AND TRANSFER POLICY

- Withdrawals before the first day of the term = 100 percent tuition refund
- Withdrawals between the first and the seventh day of the term = 75 percent tuition refund
- Withdrawals between the eighth and 14th day of the term = 50 percent tuition refund
- Withdrawals between the 15th and 21st day of the term = 25 percent tuition refund
- Withdrawals after the 21st day of the term = No refund

Requests for transfer from one course, course delivery mode or course section to another will be considered prior to the first Friday of the term. Transfers from one term to another are not permitted.

WITHDRAWALS AND VA BENEFITS - VA COURSE WITHDRAWAL POLICY

MILITARY-RELATED WITHDRAWAL REQUESTS

A military withdrawal exception will be considered if supporting documentation, detailing a qualifying deployment or emergency activation is submitted along with the request, as the University understand that such situations are often accompanied with limited access to online resources. Thomas Edison State University will be unable to consider any withdrawal requests submitted after the course has closed that are not submitted for reasons of qualifying deployment or emergency activation.

Standard or scheduled military training exercises do not qualify for military waiver exceptions. While there are circumstances that may qualify for an exception-to-policy waiver; standard orders, especially those that are considered routine or voluntary, are scheduled on a regular basis, and generally provide military members with ample time to plan their course schedule around military duty. As an alternative to a withdrawal, students may submit a course extension request; however, if the extension is awarded, the option for withdrawal will no longer be available, as only one exception can be awarded per course. For this reason, military students should carefully weigh their options based on the circumstances before submitting their request.

Non-GoArmyEd circumstantial withdrawal requests must be submitted to the Office of Military and Veteran Education, along with supporting documentation. Once the request and supporting documentation have been received, the Office of Military and Veteran Education will then make a recommendation on the student's behalf for an exception. GoArmyEd students should submit Withdrawal for Military Reasons (WM) through the GoArmyEd portal. If the course has already closed and a WM cannot be submitted through the GoArmyEd portal, then the student should submit a circumstantial withdrawal request as previously outlined. If the petition is approved, it is important to note that Thomas Edison State University can only report a withdrawal to GoArmyEd, as recoupment is a policy governed by the Army.

MILITARY REPAYMENT POLICY

83 DAY TERM	Day in Term	% of Term	Original Bill	Adjusted Per TESU Refund Policy	Amount Entitled Based on up to 9%=25% coverage; up to 17%=50% coverage; up to 25.5%=75% coverage; up to 60%=90%; after 60%=100% coverage	Amount Remaining for Student
	1 - 7	1.2%-8.4%	750.00	187.50	187.50	-
	8 - 14	9.6% - 16.9%	750.00	375.00	375.00	-
	15 - 21	18.1% - 25.3%	750.00	562.50	562.50	-
	22 - 49	26.5% - 59%	750.00	750.00	675.00	75.00
	50 - 83	60.2% - 100%	750.00	750.00	750.00	-
84 DAY TERM	Day in Term	% of Term	Original Bill	Adjusted Per TESU Refund Policy	Amount Entitled Based on up to 9%=25% coverage; up to 17%=50% coverage; up to 25.5%=75% coverage; up to 60%=90%; after 60%=100% coverage	Amount Remaining for Student
	1 - 7	1.2% - 8.3%	750.00	187.50	187.50	-
	8 - 14	9.5% - 16.7%	750.00	375.00	375.00	-
	15 - 21	17.9% - 25.0%	750.00	562.50	562.50	-
	22 - 49	26.2% - 58.3%	750.00	750.00	675.00	75.00
	50 - 84	59.5% - 100%	750.00	750.00	750.00	-
85 DAY TERM	Day in Term	% of Term	Original Bill	Adjusted Per TESU Refund Policy	Amount Entitled Based on up to 9%=25% coverage; up to 17%=50% coverage; up to 25.5%=75% coverage; up to 60%=90%; after 60%=100% coverage	Amount Remaining for Student
	1 - 7	1.2% - 8.2%	750.00	187.50	187.50	-
	8 - 14	9.4% - 16.5%	750.00	375.00	375.00	-
	15 - 21	17.6% - 24.7%	750.00	562.50	562.50	-
	22 - 49	25.9% - 57.6%	750.00	750.00	675.00	75.00
	50 - 85	58.8% - 100%	750.00	750.00	750.00	-
56 DAY TERM	Day in Term	% of Term	Original Bill	Adjusted Per TESU Refund Policy (50% up to day 14)	Amount Entitled Based on up to 25.5%=50% coverage; up to 60%=90%; after 60%=100% coverage	Amount Remaining for Student
	1 - 14	1.8% - 25.0%	750.00	375.00	375.00	-
	15 - 33	26.8% - 58.9%	750.00	750.00	675.00	75.00
	34 - 56	60.7% - 100%	750.00	750.00	750.00	-
63 DAY TERM	Day in Term	% of Term	Original Bill	Adjusted Per TESU Refund Policy (50% up to day 14)	Amount Entitled Based on up to 25.5%=75% coverage; up to 60%=90%; after 60%=100% coverage	Amount Remaining for Student
	1 - 14	1.6%-22.2%	750.00	375.00	375.00	-
	15 - 16	23.8%-25.4%	750.00	750.00	375.00	375.00
	17 - 33	27.0%-52.4%	750.00	750.00	675.00	75.00
	34 - 63	54.0% - 100%	750.00	750.00	750.00	-

COURSE EXTENSIONS

www.tesu.edu/academics/catalog/Course-Extensions.cfm

Students are governed by the policies and procedures in effect on their course start date.

Students making satisfactory progress may apply for one eight-week extension per course. Mentors must certify that 50 percent of the course work has been completed, and the student must pay the extension fee. Other than the mentor's certification, no other documentation is required. The Office of the Registrar will process the request and notify the student of their new course ending date. With the exception of extensions related to military deployments, all students must pay for the extension. This requirement applies even in cases of medical illness or financial hardship. In cases involving military deployments, documentation presented must show deployment dates relevant to the specific course. In limited circumstances, such as severe illness or medical treatment, students may apply for a second extension of eight weeks. In these cases students must submit appropriate supporting documentation relevant to the issue preventing course completion during the first extension and pay another extension fee. The Office of the Registrar will determine if the second extension is warranted and notify the student of their decision. If approved, the registrar will notify the student of their new course ending date.

For both first and second extensions, the eight weeks will be added to the current end date of the course in question.

Students cannot have more than 16 additional weeks added to the original start date of the course term. Students may not request more than two extensions for a single course. Students may not apply for (or be granted) an extension after the last day of the course. Students will be permitted to withdraw after an official course extension has been processed as long as the extension hasn't ended.

A percentage of the student's final grade in an online course is based on his/her participation in online discussions and, perhaps, in group activities involving other members of the class. These asynchronous "conversations" and collaborative assignments will not continue after the scheduled end of the original term.

If a student is on extension, he/she must call the Office of Test Administration at (609) 984-1181 two weeks prior to the desired test date or at least two weeks prior to the extension end date to ensure that examinations are sent to the proctor when the student is ready to take them. If students take examination or complete assignments after the end of the term without having an approved extension, they will be billed for the extension fee and the late fee.

GUIDE TO UNDERGRADUATE COURSES

www.tesu.edu/academics/catalog/Guide-to-Undergraduate-Courses.cfm

To use this *Catalog* most effectively — making sure you register for the courses that are right for you and that you receive the appropriate course materials — please familiarize yourself with the information in the following pages before choosing your courses.

COURSE LOAD

You are permitted to register for up to 16 credits at any one time. Overlapping more than 16 credits is not permitted including when a course is (or courses are) extended. Being registered for more than 16 concurrent credits at a time requires permission from an academic advisor.

COURSE CREDIT

The number of semester hour credits awarded for each course is specified in the course description. Most courses carry 3 credits. Courses yielding 6 credits are generally advanced, interdisciplinary courses, which combine study from a range of academic disciplines. The work required for these courses is equivalent to their credit value. Thus, a 6-credit course is equivalent to two 3-credit courses. Note that 6-credit courses may not be broken down into 3-credit courses or taken in different semesters.

UNITS OF CREDIT

In expressing its degree requirements, Thomas Edison State University uses semester hours measurement. Other colleges may define the value of knowledge in credits, trimester hours of credit, quarter hours of credit and competencies. All such hours transferred to Thomas Edison State University will be converted to semester hours of credit.

TUITION AND FEES

For complete tuition and fees information, please visit www.tesu.edu/tuition.

MENTORS

When you register for a course, you will be assigned a mentor who will be assessing your course assignments and examinations. Mentors are assigned according to their availability for the given semester. Except for PLA courses, you may request a particular mentor, if you indicate your preference at the time you register. That is, you must indicate on the Registration Form, in your web registration or to the registrar when you call which mentor you prefer.

Mentors are expected to assess the work you accomplish, and they are available to offer you guidance on matters of course content when you need it. However, since all Thomas Edison State University courses are for independent adult students, mentors are not considered tutors who assist you in remedial aspects of your work.

After you register, before the semester begins, you will receive a confirmation email. Nursing, PLA, Guided Study and online students will receive access information for the online course site via email in their confirmation email.

TUTORIAL SERVICES

Thomas Edison State University offers students access to the SMARTHINKING online tutorial service free of charge. It is particularly helpful if you are taking mathematics, physics, Spanish, writing, statistics, accounting, economics (macro and micro) or chemistry. If you are taking other subjects but need help with writing, you may also access the service to get the help you need.

Students taking online courses will find a link to the service in each course you are taking. This link will describe the steps you need to take to set up a personal account. You only need to set up an account once, even if you use it for more than one course.

All students receive information on accessing SMARTHINKING with your registration confirmation. Once you have the login information, go to www.smarthinking.com and follow the instructions to set up a personal account.

GRADING

When your mentor receives an assignment from you, he/she will assess your learning, make comments on your assignments, offer suggestions for improvement and assign a letter or percentage grade. Keep copies of all assignments. If you are working in an online, Guided Study or nursing course, you must use the assignment link within myEdison®, the University's online course delivery system powered by Moodle. You also will be able to communicate with your mentor through online discussions of your work. You should receive a response to your assignments within a week after submission.

Mentors will send you an examination feedback form with your grade, and they will send their final grade report to the Office of the Registrar. Final course grades are available for viewing and printing online at Online Student Services approximately two weeks after a semester ends. The University will not release grades to students by any other means. If you find errors or omissions in a Grade Report, report the error immediately — in writing — to the Office of the Registrar.

GRADE ROUNDING POLICY

Grades on course assignments and examinations which are determined by percentages involving decimals should be rounded up to the next whole number when equal to .5 or greater. When the decimal is less than .5 the grade is to be rounded down. This policy also applies to final course grades where the final course grade is determined using percentages with decimals.

GRADE APPEALS

If you feel the grade you receive in a course was submitted in error or was arrived at unfairly, you must address the issue in writing to the academic dean of your School. You are strongly urged to retain all graded work until you receive the correct and final grade for each course. The University will accept grade appeals only during the first 30 days after the grade is issued. Questions about grade appeals may be directed to (609) 984-1130.

GRADE DEFINITION

Grading for Guided Study (GS), online (OL), blended (BL) and nursing (NU) and (NG) courses:

Letter Grade	Grade Points Assigned
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D	1.0
F	0
I (Temporary grade)	0
IF	0

Grading for prior learning assessment (PLA), e-Pack® (EP) courses, self-directed (SD) and TECEP® examinations (TE) is credit/no credit. No grade points are assigned for CR/NC grades.

GRADE NOTES

A final grade of F is assigned when:

- > A student does not complete the course work and examination(s) for a course and does not request a withdrawal or extension before the course has ended; OR
- > The overall average on all course work (including examinations) is below the passing level (59 or below).

A temporary grade of I, or "incomplete," is assigned by the University when:

- > A student has completed the required course work, including the final examination, by the end of the semester, but the mentor has not yet received the final examination. Once your mentor receives your final examination and has submitted a Change of Grade to the Office of the Registrar, the final grade will be posted. This I grade is not recorded on the student's permanent transcript.

NOTE: Students may not request that mentors provide an I grade, or "incomplete," for a course. If you need additional time to complete course work or examinations, you will need to request an extension from the University. Mentors cannot give extensions without your having followed the full course extension request procedure. When no request for extension is filed, and examinations are not completed, the I converts to a grade of IF six weeks after the end of the term.

A grade of IF, or “incomplete failure,” is issued six weeks after the end of a term:

- As a replacement grade for students on extensions who do not complete the work; OR
- As a replacement grade for students who are originally assigned an I grade when the University does not receive a completed examination. This IF grade is not recorded on the student’s permanent transcript.

A grade of NC, or “no credit,” is assigned to a TECEP® or e-Pack® student who does not achieve a passing score, or a PLA/portfolio course student who fails to complete the course and does not request an extension within the appropriate time frame. This grade is not recorded on the student’s permanent transcript.

To receive credit for the course, students must:

- Earn a passing average on the total of all assigned course work (e.g., examinations, assignments, discussion postings, etc.). Failure to complete and submit all assignments will negatively influence the final grade and may result in a failing grade for the course. In addition, a grade of C- or below in nursing courses is not accepted for credit toward any program in the W. Cary Edwards School of Nursing. A grade of B or better is required for each course in the graduate nursing certificate programs for the credit to be applied to program requirements.

NURSING STUDENT POLICIES

www.tesu.edu/academics/catalog/Nursing-Student-Policies.cfm

RN applicants to the W. Cary Edwards School of Nursing may pursue the BSN degree only, or both the BSN degree and the MSN degree by selecting the BSNM option on the online application. For students enrolled in the BSNM option, the 9 graduate nursing credits included in BSN degree requirements will be applied to MSN degree requirements, and the student will continue on to complete remaining MSN degree requirements on BSN degree completion without additional admission requirements. The undergraduate nursing per credit tuition charge will pertain to the required graduate nursing courses while the student is enrolled in the BSN degree. RNs with BSN degree may apply for the MSN degree. RNs with a master’s of nursing in another area of specialty may enroll in a graduate nursing certificate program.

ADMISSIONS

- Admission to all RN programs offered by the W. Cary Edwards School of Nursing will be open and rolling.
- Full admission to the RN-BSN and RN-BSN/MSN programs require applicants to possess a current and valid RN license recognized in the United States and be graduates of an RN diploma program of nursing, a regionally accredited college or university in the United States or recognized foreign institution with an associate degree in nursing, or a bachelor

of science in nursing degree or a master’s in nursing degree.

- Provisional Admission to the RN-BSN and RN-BSN/MSN programs is open to senior nursing students or graduates of an RN diploma program of nursing, or a regionally accredited college or university in the United States with an associate degree in nursing awaiting RN licensure. Students provisionally admitted to the program may enroll in NUR-340 and NUR-342. Provisionally admitted students will have one year from the date of Provisional Admission to obtain RN licensure. Failure to do so within that time, will result in removal from the program.
- Two years experience in nursing is recommended for the MSN degree and for the graduate nursing certificate programs.

ADMISSIONS PROCESS

All RN applicants to the W. Cary Edwards School of Nursing must:

- Submit the completed online application with nonrefundable fee.
- Have a current and valid RN license recognized in the U.S. If your state does not have an online validation process, you must submit a notarized copy of your license to:

Thomas Edison State University
Office of Admissions
111 W. State St.
Trenton, NJ 08608

In order for your application to be processed, the University must validate your license.

- Have official transcripts sent to the Office of the Registrar from the institution where all previous degrees and credits were awarded.
- Have the ability to send and receive email, including attachments.
- Have computer capability compatible with the technology specified for the Thomas Edison State University’s online courses, access to PowerPoint software and, for selected MSN courses, access to Excel software and a webcam.

As of July 2011, all nursing students are advised to upgrade to:

- Operating Systems: For Windows users” Windows XP with service pack 3 installed or later versions such as VISTA and Windows 7.0; for Mac Users: Mac OS X v10.5 and later. Students also need to ensure that their computer is dual bootable using Boot Camp or a similar program.
- Office Suite: Microsoft Office Suite version 2007 or 2010
- Adobe Acrobat Reader
- Current virus protection
- Current email account on file with the Office of the Registrar

PROVISIONAL ADMISSIONS

RNs completing their final requirement for the BSN degree, or who have completed their final requirement but have not been awarded the degree, may apply for admission to the MSN degree program on a provisional basis and register for a graduate nursing course. All other requirements for admission to the MSN degree program as specified in admissions policies must be satisfied for the student to continue in the MSN degree program.

ENROLLMENT

- Enrollment for all RN students in the W. Cary Edwards School of Nursing will be in effect on completion of the admissions process.
- RN students will have the status of “Enrolled” upon receipt of completed application, license verification and all applicable fees.
- Enrollment in the MSN degree program for students selecting the BSN/MSN option on application will be in effect following the request form and certification for graduation from the BSN degree.
- Program materials will be provided and all students will be given access to advisement services on enrollment.
- An Academic Evaluation will be provided online for students enrolled in nursing.
- Enrollment for RN students will remain in effect as long as students earn a minimum of 3 credits that apply to their degree or certificate program in each 12-month period.

RE-ENROLLMENT

Students returning to the BSN or to the MSN degree program or graduate nursing certificate programs from Inactive or Leave of Absence status must resubmit the Online Application. If your state does not have an online validation process, you must resubmit a notarized copy of your license to:

Thomas Edison State University
Office of Admissions
111 W. State St.
Trenton, NJ 08608

In order for your re-enrollment to be processed, the University must validate your license. Students returning to the BSN degree program from Inactive status will pay the application fee.

DEGREE/CERTIFICATE PROGRAM REQUIREMENTS

- Students may complete selected degree requirements by course, exam or prior learning assessment (PLA).
- No residency is required for programs offered by the W. Cary Edwards School of Nursing.
- Credits taken elsewhere or by any method other than by Thomas Edison State University online nursing course must be approved by the academic advisor for nursing prior to earning the credit to insure acceptance toward degree requirements.

- Graduate credits earned prior to application that may satisfy requirements for the MSN degree or certificate program will be reviewed for acceptance upon application.
- Nursing credits earned prior to application to the MSN degree or certificate programs must be newer than seven years at the time of application to the degree or certificate program to be considered for acceptance.
- Nursing credits earned prior to application that may satisfy upper-division nursing requirements for the BSN degree must carry a grade equivalent of C or better and must be from a regionally accredited college or university or recognized foreign institution and be newer than 10 years at the time of application to be considered for acceptance.
- One previously completed 3-credit lower-division nursing course may be accepted to satisfy an undergraduate upper-division nursing requirement in the BSN degree program.
- A maximum of 12 graduate-level credits will be accepted in transfer toward the MSN degree.
- A maximum of 6 graduate-level credits will be accepted in transfer toward the Nurse Educator and Nursing Administration certificates.
- A maximum of 9 graduate-level credits will be accepted in transfer toward the Nursing Informatics certificate.
- Nursing credits earned prior to application that may satisfy requirements for the MSN degree or certificate programs must carry a grade equivalent of B or better and must be from a regionally accredited college or university or recognized foreign institution to be considered for acceptance.
- Students enrolled in the BSN degree program must maintain a minimum cumulative GPA of C (2.00) or better to graduate.
- Students enrolled in the BSN degree program, and the MSN degree program must earn a grade of C (73) or better in the nursing courses for the credit to be accepted toward the degree.
- Students enrolled in the MSN degree program must achieve a minimum cumulative GPA of B (3.00) or better to graduate.
- Students enrolled in graduate nursing certificate programs must earn a grade of B (83) or better for the course to be applied to program requirements.
- Students enrolled in the BSN degree program may repeat each nursing course, one time each.
- Students enrolled in the MSN degree program may repeat two nursing courses, one time each.

- › Students enrolled in graduate nursing certificate programs may repeat each nursing course, one time each.
- › Students enrolled in the BSN degree program will be governed by academic policies for graduate nursing courses while enrolled in the graduate nursing courses required for the BSN degree.
- › Students enrolled in the BSN degree will be governed by University policies in regard to general education credit requirements.
- › Online nursing courses required for completion of the nursing degree or certificate programs are open only to RNs.

GRADING SCALE

Distribution of Credit - Nursing (RN Diploma License) up to 60 credits awarded

- › Anatomy and Physiology - 6 credits
- › Chemistry - 3 credits
- › Microbiology - 3 credits
- › Nutrition - 3 credits
- › Psychology - 3 credits
- › Sociology - 3 credits
- › Growth and Development - 3 credits
- › Social Discussions of Health - 3 credits
- › Pharmacology - 3 credits
- › Nursing Fundamentals I - 3 credits
- › Nursing Fundamentals II - 3 credits
- › Professional Adjustments - 3 credits
- › Psychiatric Mental Health Nursing I - 3 credits
- › Psychiatric Mental Health Nursing II - 3 credits
- › Adult Nursing I - 3 credits
- › Adult Nursing II - 3 credits
- › Adult Nursing III - 3 credits
- › Maternal Child Health I - 3 credits
- › Maternal Child Health II - 3 credits

GRADUATION

- › All students in the W. Cary Edwards School of Nursing degree programs will apply for graduation and pay the graduation fee in Online Student Services according to University guidelines.
- › All students in the W. Cary Edwards School of Nursing degree programs must have achieved the established GPA and have satisfied all financial obligations to be eligible for graduation.
- › Students in the graduate nursing certificate programs must complete all course requirements, submit the request for graduate nursing certificate according to University guidelines for graduation, and have satisfied all financial obligations to be eligible for certificate award.
- › Students completing the MSN degree program will be awarded a certificate in their selected area of specialty in addition to the MSN degree on program completion.

APPEALS

All students in the W. Cary Edwards School of Nursing will follow University policies on academic appeals as outlined in this *University Catalog*.

NON-ENROLLED RNS

- › Non-enrolled RNs who wish to try an online nursing course may take two unrestricted nursing courses or three unrestricted graduate courses prior to enrollment.
- › Courses restricted to students enrolled in the W. Cary Edwards School of Nursing include: Community Health Nursing and the graduate Practicums

UPDATED CREDENTIALS FOR SELECTED COURSES

- › Evidence of a current and valid RN license is required at the time the student registers for the Community Health Nursing course and the Seminar in Clinical Competence course in the BSN degree program.
- › Evidence of current malpractice insurance and a current and valid RN license is required at the time the student registers for the Practicum courses in the MSN degree and graduate nursing certificate programs.
- › Students must be in compliance with state and institutional requirements for health, criminal background check and/or child abuse background check prior to registering for the Practicums in the MSN degree and the graduate nursing certificate programs. Students will be required to provide health information to a vendor selected by the W. Cary Edwards School of Nursing. A criminal background check and child abuse clearance will be required through a vendor selected by the W. Cary Edwards School of Nursing.
- › The W. Cary Edwards School of Nursing expects all students to adhere to the policies on background check of any health-care facility used by students for the independent education Practicums required as part of their program requirements.
- › Students in the MSN degree program and the graduate nursing certificate programs must be in compliance with all requirements specified in the Practicum Information Packet.

INTERNATIONAL STUDENT POLICIES

www.tesu.edu/academics/catalog/International-Student-Policies.cfm

AMERICAN-EARNED CREDITS

International students with college-level learning assessed from another country must complete at least 30 additional U.S. college credits and meet all the area of study or concentration degree requirements to obtain a Thomas Edison State University bachelor's degree and at least 15 additional U.S. college credits to earn an associate degree. All other conditions that apply to local students will apply to international students as well.

ELIGIBILITY

Foreign citizens interested in becoming undergraduate students will be eligible for enrollment if they have, at a minimum, scored 500 on the paper examination, 173 on the computer-based or 79 on the Internet-based Test of English as a Foreign Language (TOEFL) for students living in countries where English is not the native language.

Students are responsible for taking the TOEFL and having the official scores sent to the Office of Admissions at Thomas Edison State University by the Educational Testing Service (ETS). For information on TOEFL, visit www.ets.org/toefl or write to:

TOEFL
Box 2877
Princeton, NJ 08541-2877, USA

Thomas Edison State University recognizes the discipline necessary to complete a self-directed program of study. An external degree institution for adults, the University issues no visas and has no residential campus facilities. Therefore, it is suggested that international students without a strong command of the English language consider their higher education options before enrolling with the University.

Non-United States citizens who are residing outside the United States should be aware of the limitations and restrictions on services available to students.

APOSTILLE CERTIFICATIONS

An Apostille is a form of authentication appropriate to countries that have signed the 1961 Hague Convention Abolishing the Requirement of Legalization for Foreign Public Documents.

Thomas Edison State University will honor requests for Apostille certifications. The process requires the University to prepare the transcript, diploma or letter certifying graduation, and submit the notarized documents to the state of New Jersey for authentication. When the Apostille is received back from the state of New Jersey, the University forwards the package on to the student.

The state of New Jersey charges \$25 to authenticate the Apostille. (Additional charges will also be assessed by the University for specifically requested documents.) Payment of all fees, to the state and to the University, associated with the

Apostille must be made in U.S. dollars by international money order or personal check drawn from a U.S. bank. Please send signed written requests for an Apostille to:

Attn: Apostille Request
Office of the Registrar
Thomas Edison State University
111 W. State St.
Trenton, NJ 08608

Requests must include the following:

- > The student's contact information.
- > A clear statement of the document for which the Apostille authentication is required, the country to which it will be sent and the purpose of the Apostille.
- > If the University is providing documents for authentication (official transcripts, diploma copies or letters certifying graduation) clearly state the information to be included in the document.
- > An international money order or personal check (drawn from a United States bank) payable to "The State of New Jersey" in the amount of \$25.
- > A separate international money order or personal check (drawn from a United States bank) payable to "Thomas Edison State University" for the required amount in accordance with its current fee schedule. (Currently the University charges \$15 for each official transcript and \$35 for each duplicate diploma requested.)
- > A self-addressed return envelope so that these documents may be returned directly to the student once they have been processed.

Preparing an Apostille requires coordination with other state agencies and multiple mailings. The entire process can take up to seven to eight weeks from the date the student mails all information and required documentation to Thomas Edison State University to the date the documents are received at their final destination. Students should be aware that the absence of any of the requested information will delay the Apostille process.

INTERNATIONAL CREDIT POLICY FOR TESTING

International students residing outside the United States will be permitted to attempt to earn credit through testing. United States and international citizens living abroad (both enrolled and non-enrolled) may request approval to register for TECEP® examinations. Such approval will ordinarily be based on the student's ability to arrange an administration that makes use of examination sites approved by Thomas Edison State University. All tests must be proctored by a full-time faculty member or an academic dean at an approved American university abroad, or with an approved DSST/DANTES, CLEP or TOEFL test administrator at an official DSST/DANTES, CLEP or TOEFL test site. Students requesting approval must also submit a minimum score of 500 on the paper examination, 173 on the computer-based or 79

on the internet-based Test of English as a Foreign Language (TOEFL) prior to registering for the examination if English is not the official language of their country of citizenship. Examinations are mailed via overnight express service, and students are responsible for all mailing costs and proctoring fees. Thomas Edison State University reserves the right to approve the proctoring arrangement.

INTERNATIONAL CREDIT POLICY FOR PRIOR LEARNING ASSESSMENT (PLA)

United States and international citizens living abroad (both enrolled and non-enrolled) will be given consideration for PLA. If English is not the official language of their country of citizenship, these students must submit a minimum score of 500 on the paper examination, 173 on the computer-based or 79 on the internet-based Test of English as a Foreign Language (TOEFL) prior to registering for PLA; have completed 24 college-level credits prior to the time of application, at least 6 credits of which are in English composition; and have a thorough understanding of the additional time and costs that may be associated with this process (postage, phone calls, etc.).

INTERNATIONAL CREDIT POLICY FOR GUIDED STUDY, ONLINE COURSES AND E-PACK® COURSES

American citizens and international students residing outside of the continental United States are restricted to enrolling in Guided Study, online or e-Pack® courses. Prior to registering, students must first secure special approval.

Such approval is usually based on the student's ability to arrange for proctored test administration approved by Thomas Edison State University and the willingness to absorb additional costs for sending course and examination materials.

All tests must be proctored by a full-time faculty member or an academic dean at an approved American university abroad, or with an approved DSST/DANTES, CLEP or TOEFL test administrator at an official DSST/DANTES, CLEP or TOEFL test site. Prior to registering for a Guided Study course, online course or e-Pack® course, students living outside the United States must contact the Office of Test Administration to have a test proctor approved.

Students are responsible for all mailing or other transport costs and proctoring fees. United States military personnel are expected to take examinations through the education officer at a military base.

NOTE: Does not apply to military and diplomatic personnel and their families who have APO/FPO addresses.

INTERNATIONAL CREDIT POLICY FOR TRANSFER CREDIT

An enrolled student may transfer a maximum of 90 credits from international institutions. Thomas Edison State University does not participate in the Student and Exchange Visitor Information System (SEVIS). Therefore the University does not sponsor foreign national students for F-1 or J-1 visa status.

INTERNATIONAL CREDIT EVALUATIONS

TESU will not evaluate transcripts from other countries. The University will accept the credit recommendations from one of the following agencies when the recommendations are based on a **course-by-course evaluation** and sent on an official transcript to TESU.

Academic Credentials Evaluation Institute, Inc. (ACEI)
www.acei-global.org

Center for Applied Research, Evaluations & Education, Inc.
www.iescaree.com

Educational Credential Evaluators, Inc. (ECE)
www.ece.org

World Educational Services, Inc. (WES)
www.wes.org

SDR Educational Consultants
www.sdreducational.org

SpanTran Evaluation Services
www.spantran.com

Transcript Research
www.transcriptresearch.com

All costs associated with the international credit evaluation are the responsibility of the student. The University reserves the right to make its own determination on the amount and type of credit to be awarded based on the evaluations provided by these agencies. There will be no mixing or matching of evaluations. Thomas Edison State University does not issue "Certificates of Acceptance" (Form I-20) to international students. Students who enter the United States on a student visa (F-1) through another college or university may enroll in Thomas Edison State University. However it will be the student's responsibility to keep his/her visa status current to be eligible for the continued pursuit of a Thomas Edison State University degree.

APPLICATION AND ENROLLMENT FOR INTERNATIONAL STUDENTS

To apply to Thomas Edison State University, submit the following documents:

1. a completed Thomas Edison State University Application Form;
2. application fee (payment must be in U.S. dollars); and
3. a TOEFL score report sent directly to Thomas Edison State University from the Educational Testing Service.

To enroll in Thomas Edison State University select a tuition plan and pay tuition. After enrollment, any credentials or documents submitted will be evaluated. When the evaluation has been completed, the student will be advised of any remaining degree requirements. It is the responsibility of the student to arrange for the completion of remaining degree requirements.

VISAS

Thomas Edison State University does not issue “Certificates of Acceptance” (Form I-20) to international students. Students who enter the United States on a student visa (F-1) through another college may enroll in Thomas Edison State University. However, it will be the student’s responsibility to keep his/her visa status current to be eligible for continued pursuit of a Thomas Edison State University degree.

FEES AND REQUESTS FOR ADDITIONAL INFORMATION

Fees for international students residing in foreign countries cover extensive administrative costs. Students on nonimmigrant visas living in the United States will pay out-of-state fees. Details on fees are available upon request.

ENROLLMENT

Students are considered enrolled when they pay the Comprehensive Tuition Plan or Per Credit Tuition Plan enrollment. A student’s enrollment date is defined as the date the bursar receives the Comprehensive Tuition or the 10th day of a term for which a student registers paying the Per Credit Tuition Plan. This tuition covers a period of one year of service. At the end of the year, students will receive a bill for the subsequent year’s enrollment tuition. Active duty military and National Guard students are considered New Jersey state residents for administrative purposes, and therefore pay in-state tuition rate.

Students enrolled in Thomas Edison State University through contractual and military agreements [i.e., Corporate Choice®, GoArmyED, eArmyU, Military Degree Completion Program (MDCP), Navy College Program and the Rutgers School of Health Related Professions (formerly University of Medicine and Dentistry of New Jersey) joint degree program, must demonstrate academic activity by attempting a minimum of 3-semester-hour credits over the course of the 12-month period for which they are enrolled. For example, a student whose course or other credit-earning option began on Sept. 1, 2016, must register for another 3-credit course before Sept. 1, 2017, to be considered an enrolled Thomas Edison State University student for the following year. Students who do not attempt 3 credits in an academic year will be deemed “Inactive.”

“Inactive” students (those who were previously enrolled in the University but who have not demonstrated academic progress as described above) can reactivate their enrollment in the following ways:

MILITARY STUDENTS

Enroll for a minimum of 3 semester hours in a course or other credit-earning option. Students will be governed by the academic policies in place at the time they began their program.

OTHER CONTRACTUAL STUDENTS

➤ Pay a \$75 reactivation fee and enroll in a course or other credit-earning option. Students who choose this route will be governed by the academic policies in place at the time of their reactivated enrollment.

➤ Pay the \$75 reactivation fee and provide transcripts demonstrating academic progress (i.e., that they have attempted at least 3 credits) for each 12-month period whose anniversary

is the date on which their most recently attempted Thomas Edison State University course or other credit-earning option began. Students who choose this route will be governed by the academic policies in place at the time of their original enrollment with the University.

Military students with a valid Servicemembers Opportunity Colleges (SOC) agreement with Thomas Edison State University, and who remain in “Inactive” status for five consecutive years must reapply for admission to return to the University and will be governed by the academic policies and degree programs in place at the time of their readmission.

When students have received the Academic Evaluation showing how credits will apply to their degree program, they are urged to proceed with program planning and contact the Office of Academic Advising at (888) 442-8372. Should it become necessary to temporarily “stop-out,” students are urged to officially request a Leave of Absence from the University at the end of their enrollment year.

NOTE: Students are considered enrolled in the W. Cary Edwards School of Nursing when they pay the appropriate fees and submit the documents required for admission. Enrollment continues as long as at least 3 credits are earned in each 12-month period.

WITHDRAWALS/REFUNDS

A written withdrawal request must be made on the Request for Course Withdrawal Form found in the course section, online at www.tesu.edu/studentforms or in a letter sent before the end of the term to:

Thomas Edison State University
Office of the Registrar
111 W. State St.
Trenton, NJ 08608
Fax: (609) 292-1657

Stopping payment on credit cards or checks does not constitute an official withdrawal, nor does it relieve the student from his/her financial obligation to the University. Failure to submit assignments or take examinations does not constitute an official withdrawal, nor does verbal notification to the mentor or to any member of the University staff.

A request for course withdrawal will only be accepted in writing and must be submitted before the end of the term. A withdrawal request will not be processed if it is submitted after the course has officially ended.

If a student sends a letter, it must cite the course code, course name and the mentor’s name as well as the student’s name and University ID number. The postmark, email or fax date will constitute the official withdrawal date.

Failure to withdraw as stated above will result in the forfeiture of any refund and may result in a failing grade. These policies refer to course withdrawals only. If a student wishes to withdraw from a degree program at the University, the student must do so in writing to the Office of the Registrar.

WITHDRAWAL TUITION REFUND SCHEDULE

Tuition refunds for course withdrawals will be processed within two weeks after the withdrawal request is received in the Office of the Registrar. The late fee is nonrefundable. Return any textbooks to the textbook supplier, not to the University. Please refer to the policies and procedures issued by the textbook supplier regarding materials returns. Withdrawal requests must be postmarked, emailed or fax dated according to the following schedule for the corresponding tuition refund.

Students will not be charged an administrative withdrawal fee if they withdraw before the first day of the term.

REFUND AND TRANSFER POLICY

- Withdrawals before the first day of the term = 100 percent tuition refund minus the \$10 administrative withdrawal fee
- Withdrawals between the first and the seventh day of the term = 75 percent tuition refund
- Withdrawals between the eighth and 14th day of the term = 50 percent tuition refund
- Withdrawals between the 15th and 21st day of the term = 25 percent tuition refund
- Withdrawals after the 21st day of the term = No refund

Transfers from one course to another within the same term are permitted before the start date of the term. Transfers from one term to another are not permitted.

EXTENSIONS

Students are governed by the policies and procedures in effect on their course start date.

Students making satisfactory progress may apply for one eight-week extension per course. Mentors must certify that 50 percent of the course work has been completed, and the student must pay the extension fee. Other than the mentor's certification, no other documentation is required. The Office of the Registrar will process the request and notify the student of their new course ending date. With the exception of extensions related to military deployments, all students must pay for the extension. This requirement applies even in cases of medical illness or financial hardship. In cases involving military deployments, documentation presented must show deployment dates relevant to the specific course.

In limited circumstances, such as severe illness or medical treatment, students may apply for a second extension of eight weeks. In these cases students must submit appropriate supporting documentation relevant to the issue preventing course completion during the first extension and pay another extension fee. The Office of the Registrar will determine if the second extension is warranted and notify the student of their decision and if approved of their new course ending date.

For both first and second extension, the eight weeks will be added to the current end date of the course in question. Students cannot have more than 16 additional weeks added to

the original start date of their term. Students may not request more than two extensions for a single course. Students may not apply for (or be granted) an extension after the last day of the course. Students will be permitted to withdraw after an official course extension has been processed as long as the extension has not ended. A percentage of the student's final grade in an online course is based on his/her participation in online discussions and, perhaps, in group activities involving other members of the class. These asynchronous "conversations" and collaborative assignments will not continue after the scheduled end of the original term.

UPDATING THE RECORDS

It is crucial that the University have accurate records of your name, address, email address and telephone number. If any of these change between the time you register and the time you receive your grades, please notify the University immediately. For your convenience, you may do this online via Online Student Services or by mailing a completed Student Data Change Form to the Office of the Registrar. The form is available at www.tesu.edu/studentforms.

ACADEMIC INTEGRITY

A detailed statement of what constitutes academic honesty and plagiarism is included in every course. By registering for a course, students agree to abide by this statement. Academic dishonesty will result in disciplinary action and possible dismissal from the University.

The University is committed to helping students understand the seriousness of plagiarism, which is defined as the use of the work and ideas of others without proper documentation. Students who submit course materials or examination responses that are found to be plagiarized will receive an F on the plagiarized assignment, may receive a grade of F for the course and may face dismissal from the University.

LEARNING OUTCOMES ASSESSMENT

www.tesu.edu/academics/catalog/Learning-Outcomes-Assessment.cfm

Thomas Edison State University is focused on meeting the educational needs of the self-directed adult learner. Students come to the University with a wealth of experience from academic work at other institutions, from the workplace and from military service. Thomas Edison State University is committed to education as a transformative process that broadens perspectives in a global, technologically sophisticated and diverse society. Our vision for general education at the University is that it be threaded throughout the curriculum, across all Schools and at all levels of study.

Undergraduate degrees offered through Thomas Edison State University are designed around three constructs:

1. **General Education:** an integrated foundation based on the liberal arts with a focus on core skills and competencies
2. **Area of Study:** in-depth work in a specific discipline
3. **Elective Courses:** a flexible elective component to meet personal and intellectual interests complementary to but distinct from the selected field of study.

All three pillars of our undergraduate degree programs are designed so that our graduates meet Institutional General Education Outcomes that document student competencies.

Assuring quality is at the core of Thomas Edison State University's mission and its commitment to students. The Thomas Edison State University academic model, in place since the University's inception in 1972, is centered on the assessment of student learning. This approach is based on the belief that what students know should supersede how they came to know it. Authentication of student learning provides the University with important information for academic decision making and institutional improvement. The Academic Council has approved seven institutional learning outcomes for all undergraduates and five institutional learning outcomes for all graduate students.

OUTCOMES-BASED GENERAL EDUCATION

Thomas Edison State University's institutional outcomes are closely mapped to the Essential Learning Outcomes (LEAP Outcomes) as documented by the Association of American Colleges and Universities.

All Thomas Edison State University students who graduate from bachelor's degree programs will complete 60 semester hour credits of general education, by demonstrating general education competencies and completing general education electives, taken directly from the LEAP Outcomes. Some of these credits must fulfill specific category requirements and others allow students to tailor their general education experience to their own needs and interests.

All Thomas Edison State University students who graduate from bachelor's degree programs will have the following competencies:

INTELLECTUAL AND PRACTICAL SKILLS

Intellectual and communicative skills necessary for success in the academic environment and for addressing globally complex challenges.

Written Communication: Communicate their ideas effectively in writing using text, data and images as appropriate and in different genres and styles

Oral Communication: Communicate their ideas effectively orally using multiple modes of communication, as appropriate.

Information Literacy: Identify, locate, evaluate, and effectively and responsibly use and share information for the problem at hand.

Quantitative Reasoning/Literacy: Demonstrate competency and comfort in working with numerical data, create complex and refined arguments supported by quantitative evidence, and clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc.), as appropriate.

CIVIC AND GLOBAL LEADERSHIP

Knowledge required for responsible global citizenship and effective engagement in a dynamic environment.

Diversity/Intercultural Literacy: Recognize that they are members of a world community, and demonstrate intercultural knowledge, skills and attitudes that support effective and appropriate interaction in a variety of cultural contexts.

Ethical Leadership: Assess their own ethical values and the social context of a given situation, recognize ethical issues in a variety of settings, apply ethical principles to ethical dilemmas and consider the ramification of alternative actions.

Civic Engagement: Demonstrate effective, responsible and meaningful skills while engaged in the political life of a community.

CRITICAL THINKING

Critically explore issues and ideas, frame events, consider evidence and analyze assumptions before accepting or formulating an opinion or conclusion.

Knowledge of Human Cultures: Knowledge from the arts, humanities and social sciences, which develop an understanding of humanity.

Understanding of the Physical and Natural World: Knowledge from the natural sciences (biology, chemistry, earth science and physics) in order to develop an appreciation of the order, diversity and beauty of the natural environment and an understanding of scientific reasoning.

INSTITUTIONAL GRADUATE LEARNING OUTCOMES

All Thomas Edison State University students who graduate from advanced-level degree programs will be able to:

- Apply in-depth knowledge of the current major questions, theories, debates and methodologies in their field or profession.
- Use critical analysis to make informed decisions and improve practice in an organization, field or profession.
- Communicate effectively to positively impact an organization, field or profession.
- Apply ethical principles and theories in research, evaluation, organizational culture and communities
- Interpret cultural influences in organization and community.
- Create sophisticated arguments supported by quantitative evidence.

STUDENT'S ROLE IN OUTCOMES ASSESSMENT

In keeping with its mission, Thomas Edison State University is committed to maintaining high standards of academic integrity and of quality service to its students. To achieve this goal, the University engages in outcomes assessment, a process through which the effectiveness of the University and its programs is evaluated against institutionally determined standards.

Students are an important and necessary source of information about Thomas Edison State University's effectiveness. By surveying students and graduates, and administering certain kinds of assessments that gauge the level of students' skills and learning, the University gains valuable information, which is used to assess its effectiveness and to guide the development of curriculum.

Although these surveys and assessments, as well as other information-gathering instruments, are not typically part of a student's degree program, Thomas Edison State University students are required to participate in such activities when selected. All students who take part in outcomes assessment activities contribute to the continued excellence of Thomas Edison State University and to the reputation of the degrees awarded by the institution.

ADDITIONAL LEARNING OUTCOMES

SCHOOL OF APPLIED SCIENCE AND TECHNOLOGY

Undergraduate outcomes

Bachelor's degree graduates from the School of Applied Science and Technology will have the ability to:

- Possess an appropriate mastery of the knowledge, techniques, skills, modern tools and advanced technology of the discipline;
- Demonstrate the ability to design, analyze and effectively use systems, components and methods with a framework of quality and continuous improvement;
- Demonstrate knowledge of the applicable standards for occupational health and safety, the environment and regulatory procedure; and
- Communicate effectively in the technical discipline.

HEAVIN SCHOOL OF ARTS AND SCIENCES

Undergraduate outcomes

Bachelor's degree graduates from the Heavin School of Arts and Sciences will have the ability to:

- Use key terms, concepts and theories, and answer critical questions in their area of study;
- Describe the historical development of the field, its origins, conceptual frameworks and the interdependence of this field with research findings in other fields; and
- Demonstrate independent thought and collaboration in decision-making activities in a variety of settings

SCHOOL OF BUSINESS AND MANAGEMENT

Undergraduate outcomes

Graduates of Bachelor's programs in business and leadership will obtain competencies in the business core and a breadth of knowledge in the liberal arts and sciences, preparing them to apply these competencies to business situations. In addition they will be able to:

Degree Learning Outcomes - Bachelor of Science in Business Administration (BSBA)

1. *Business Content Orientation:* Apply key theories, models and applications within the global business context.
2. *Analytic and Critical Thinking Orientation:* Demonstrate critical-thinking skills in business related situations.
3. *Quantitative Reasoning Orientation:* Employ empirical approaches to planning and decision making using quantitative reporting mechanisms.
4. *Communication Orientation:* Demonstrate written and oral skills appropriate for business communication.
5. *Ethics and Legal Orientation:* Analyze business and organizational situations using ethical approaches to decision making.

6. *Technology Orientation*: Apply technology to enable business growth, development and sustainability.

Degree Learning Outcomes - Bachelor of Science in Organizational Leadership (BSOL)

1. *Business Fundamentals Orientation*: Apply key theories, models and applications within the global business context.
2. *Analytic and Critical-Thinking Orientation*: Demonstrate critical-thinking skills in business related situations.
3. *Quantitative Reasoning Orientation*: Employ empirical approaches to planning and decision making using quantitative reporting mechanisms.
4. *Communication Orientation*: Demonstrate written and oral skills appropriate for business communication.
5. *Ethics Orientation*: Analyze business and organizational situations using ethical approaches to decision making.
6. *Leadership and Advocacy Orientation*: Employ leadership theories in a variety of business situations.
7. *Organizational Culture, Behavior and Change Orientation*: Apply behavioral theories to organizational cultural and change.
8. *Technology Orientation*: Apply technology to enable business growth, development and sustainability.

Degree Learning Outcomes - Bachelor of Science in Professional Studies (BSPS)

1. *Communication Orientation*: Demonstrate effective communication skills through oral, technologically mediated and written communications media.
2. *Quantitative Reasoning*: Apply data information decision-making and problem-solving methods associated with management trends and issues.
3. *Culture and Diversity Orientation*: Analyze cultural environments through multicultural perspectives.
4. *Business Content Orientation*: Evaluate strategic, resource and operational requirements associated with enterprise management.
5. *Technology Orientation*: Apply information and web-based technologies to enable enterprise development, growth and sustainability.
6. *Ethics Orientation*: Evaluate ethical behavior and social responsibility at the personal, organizational and societal levels.
7. *Global Orientation*: Analyze enterprise management within a global context.

W. CARY EDWARDS SCHOOL OF NURSING

Undergraduate outcomes

On completion of the BSN degree program, the graduate will be able to:

- › Demonstrate the use of critical-thinking skills in the integration of current nursing knowledge and evidence-based findings to direct clinical practice decisions;
- › Apply knowledge of human diversity, ethics and safe, client-focused care in the design, implementation, evaluation and quality management of healthcare across the lifespan;
- › Demonstrate the use of effective communication strategies to identify, manage and exchange knowledge with clients, healthcare professionals and community members;
- › Analyze the effect of health policy on the organization, financing and delivery of healthcare;
- › Use information technology to manage knowledge, communicate information and facilitate decision making in nursing practice;
- › Synthesize the multidimensional roles of professional nursing to provide leadership for nursing practice; and
- › Demonstrate a commitment to advanced study and lifelong learning.

JOHN S. WATSON SCHOOL OF PUBLIC SERVICE AND CONTINUING STUDIES

Undergraduate outcomes

Associate in Arts in Human Services

Graduates of the Associate in Arts in Human Services degree will have the ability to:

- › Define key concepts in the area of study;
- › Identify theories of professional practice;
- › Explain the specific skills, techniques and agencies necessary to serve client populations; and
- › Explain cultural diversity as it relates to the field of human services.

Bachelor of Science in Human Services

Graduates of the Bachelor of Science in Human Services will have the ability to:

- › Interpret and critically analyze the professional track;
- › Apply theory to professional practice;
- › Apply knowledge of the specific skills, techniques and agencies necessary to serve client populations;
- › Apply knowledge of cultural diversity as it relates to field of human services; and
- › Apply theories of management as it relates to human services.

Bachelor of Science degree in Homeland Security and Emergency Management

Graduates of the Bachelor of Science degree in Homeland Security and Emergency Management will have the ability to:

- › Use key terms, concepts, theories and answer critical questions in area of study;
- › Describe the historical development of the field, its origins, old and new, conceptual framework and the interdependence of this field with research findings in other fields;
- › Demonstrate independence and collaboration while participating in decision-making activities in a variety of settings
- › Define and apply appropriate constitutional legal principles to the design and implementation of strategies related to homeland security;
- › Seek out, research and evaluate all available information regarding homeland security concepts, strategies and tactics, and select new or established methods based upon good analysis and best practices
- › Demonstrate the emergency management process of planning, organizing, response and mitigation of potential threats and disasters;
- › Describe the psychological & sociological impact of natural and man-made disasters on community members, businesses and government, and apply this knowledge to emergency management strategies and practices; and
- › Define and apply established principles of command and control, in cooperation with other agencies, in the assessment and mitigation of natural and man-made disasters.

ABOUT THOMAS EDISON STATE UNIVERSITY

OUR HISTORY

Thomas Edison State University was founded in 1972 by the New Jersey State Board of Higher Education for the purpose of providing diverse and alternative methods of achieving a collegiate education of the highest quality for adult learners. Identified by Forbes magazine as one of the top 20 colleges and universities in the nation in the use of technology to create learning opportunities for adults, Thomas Edison State University is a national leader in the assessment of adult learning and a pioneer in the use of educational technologies. The New York Times has stated that Thomas Edison State University is “the college that paved the way for flexibility.”

OUR STUDENTS

Thomas Edison State University is composed of a worldwide community of learners. Our student body represents every state in the U.S. and approximately 60 countries throughout the world. Unlike “traditional” colleges and universities, which are designed to meet the needs of college students who are between 18 and 21 years old, Thomas Edison State University is designed exclusively to serve the needs of adults. The University’s academic programs enable students to plan degree paths and to select learning options that best meet their needs. Course scheduling at Thomas Edison State University enables students to take courses at times convenient to them.

CURRENT STUDENTS

- Current Total Enrollment: approximately 17,500
- Average student age: 36
- 42 percent of students are New Jersey residents
- 56 percent of students are out-of-state residents (including all 50 states and students from or studying in approximately 60 countries)
- 55 percent of students are male
- 45 percent of students are female

ACCREDITATION

Thomas Edison State University is regionally accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104 (267-284-5000). This prestigious accreditation is part of a national system of quality assurance which requires colleges and universities to reach a common understanding and agreement as to the standards of quality for American higher education.

The W. Cary Edwards School of Nursing baccalaureate and master's degree programs, and graduate certificate programs at Thomas Edison State University are accredited by the Accrediting Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000

The W. Cary Edwards School of Nursing baccalaureate and master's degree nursing programs at Thomas Edison State University are accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, D.C. 20036-1120, (202) 887-6791.

The W. Cary Edwards School of Nursing programs at Thomas Edison State University are approved by the New Jersey Board of Nursing, PO Box 45010, Newark, NJ 07101, (973) 504-6430.

Thomas Edison State University's Master of Arts in Educational Leadership Program, which is designed to prepare educators for roles in school leadership, is awarded Teacher Education Accreditation Council (TEAC) accreditation by the Inquiry Brief Commission of the Council for the Accreditation of Educator Preparation (CAEP) for a period of seven years, from April 2015 and April 2022. The accreditation does not include individual education courses that the EPP offers to P-12 educators for professional development, relicensure or other purposes. This accreditation certifies that the forenamed professional education program has provided evidence that the program adheres to TEAC's quality principles. The TEAC Public Performance Disclosure as applicable to the Educational Leadership program is available on the University website at www.tesu.edu.

Thomas Edison State University's bachelor's degrees in Nuclear Energy Engineering Technology and Electronics System Engineering Technology are accredited by the Engineering Technology Accreditation Commission of ABET. ABET is a specialized accrediting agency recognized by the Council for Higher Education Accreditation (CHEA).

Thomas Edison State University's associate degree program and undergraduate certificate in Polysomnography was awarded initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The initial accreditation status is valid from March 16, 2012 until March 31, 2017.

Accreditation documentation can be obtained by contacting the accrediting agency directly.

CONTACT INFORMATION:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

25400 US Highway 19 N, Suite 158
Clearwater, FL 33763
(727) 210-2350

Commission on Collegiate Nursing Education (CCNE)

One Dupont Circle, N.W., Suite 530
Washington, DC 20036-1120
(202) 887-6791

Engineering Technology Accreditation

Commission of ABET
111 Market Pl., Suite 1050
Baltimore, MD 21202
(410) 347-7700

Middle States Commission on Higher Education

3264 Market St.
Philadelphia, PA 19104
(267) 284-5000

Accrediting Commission for Education in Nursing (ACEN)

3343 Peachtree Road, N.E., Suite 850
Atlanta, GA 30326
(404) 975-5000

New Jersey Board of Nursing

P.O. Box 45010
Newark, NJ 07101
(973) 504-6430

Teacher Education Accreditation Council (TEAC)

One Dupont Circle NW, Suite 320
Washington, DC 20036
(202) 466-7236

SCHOOL OF APPLIED SCIENCE AND TECHNOLOGY

The School of Applied Science and Technology provide students with innovative degree programs to gain expertise in the fields of the applied sciences and technology. The curriculum meets the educational and career needs of adult learners who work in environments that benefit from technical currency, practical knowledge and applied skills. Explore our applied science programs below.

ACADEMIC PROGRAMS

- Associate in Applied Science
- Associate in Science in Applied Science & Technology
- Associate of Science degree: Occupational Therapy Assistant*
- Bachelor of Science in Applied Science & Technology
- Bachelor of Science in Cybersecurity
- Bachelors of Science in Health Information Management*
- Bachelor of Science in Health Sciences*
- Bachelor of Science in Medical Imaging Sciences*
- Bachelor of Science in Nutrition and Dietetics*
- Master of Science in Applied Science & Technology
- Master of Science in Information Technology
- Undergraduate Certificate in Dental Assistant*
- Undergraduate Certificate in Electronics
- Undergraduate Certificate in Gas Distribution

- Undergraduate Certificate in Polysomnography
- Graduate Degree in Clinical Trials Management
- Graduate Degree in Cybersecurity - Critical Infrastructure

**joint program offered with the Rutgers School of Health Professions*

MISSION AND PURPOSE

The School of Applied Science and Technology provide learners with innovative degree programs that facilitate learning, engagement and discovery in the applied sciences and technology fields. The School's curriculum meets the educational and career needs of learners in work environments where opportunity is facilitated by technical currency, practical knowledge and applied skills.

The School's curriculum provides opportunities to achieve personal and career goals through programs in associate, bachelor's and master's degree programs in 75 areas of study, allowing the flexibility to integrate skills and knowledge acquired outside academia by granting academic credit for professional licenses/certifications, apprenticeships, professional training and military training.

Students may advance toward their academic goal by transferring credit from other regionally accredited institutions or by earning credit through alternative methods including examination programs, such as TECEP®, CLEP® and DSST®, Portfolio Assessment and academic program reviews.

The School of Applied Science and Technology's vision is to continually enhance our position as a leader in Engineering Technology and Applied Science education through exemplary quality of graduates of our degree and certificate programs, in all aspects of their academic and professional endeavors, and in their civic and social responsibilities.

HEAVIN SCHOOL OF ARTS AND SCIENCES

The Heavin School of Arts and Sciences provides an interdisciplinary approach to lifelong learning for adult learners interested in exploring values inherent in the liberal arts, humanities, natural sciences and social sciences. The curriculum for liberal arts programs delve into a specialized depth of knowledge through areas of study, combined with the breadth of general education.

The school is named in honor of Gary Heavin '02, and his wife, Diane, whose generous support of the University has played a key role in the creation of new academic programs and provided the Thomas Edison State University Foundation with a significant addition to its endowment.

ACADEMIC PROGRAMS

- Associate in Applied Science degree: Criminal Justice
- Associate in Arts
- Associate in Natural Science and Mathematics
- Bachelor of Arts
- Bachelor of Science

- Master of Arts in Educational Leadership
- Master of Arts in Online Learning and Educational Technology
- Master of Arts in Liberal Studies
- Undergraduate Certificate in Computer Science
- Undergraduate Certificate in Health and Wellness
- Undergraduate Certificate in Labor Studies
- Undergraduate Certificate in Criminal Justice
- Undergraduate Certificate in Psychology
- Undergraduate Certificate in Communications
- Graduate Certificate in Online Learning and Teaching
- Graduate Certificate in Professional Communications
- Graduate Certificate in Educational Leadership
- Graduate Certificate in Digital Humanities
- Graduate Certificate in Geropsychology
- Graduate Certificate in Industrial-Organizational Psychology

MISSION AND PURPOSE

The Heavin School of Arts and Sciences is dedicated to the intellectual and professional development of our students. The School offers rigorous degree programs which provide students with significant depth and breadth of knowledge. Arts and Sciences degree programs feature an interdisciplinary approach to lifelong learning that is particularly important to those seeking management career paths in both government and private sector organizations. The Liberal Studies curriculum is designed to support management skills such as communications, writing, critical thinking and decision making.

The Bachelor of Arts and Master of Arts in Liberal Studies programs can be individually designed for learners who have interests in multiple areas of study. The Master of Arts in Educational Leadership prepares students to become effective school leaders in addition to preparing students interested in NJ Supervisor and Principal certification. All of the Heavin School's degree programs provide students with flexible, high-quality learning experiences.

The Heavin School also offers a unique opportunity for those who wish to pursue a Master's degree at Thomas Edison State University. Students who have earned at least 99 credits towards their Baccalaureate degree may apply for provisional admission to a Thomas Edison State University graduate degree. Students can earn up to 12 credits that will concurrently satisfy both the undergraduate and graduate degree requirements.

THE SCHOOL OF BUSINESS AND MANAGEMENT

The School of Business and Management provides relevant, rigorous and career-focused degree programs that prepare leaders to add value to their firms and organizations in the dynamic global marketplace. Like all of Thomas Edison State University schools, the School's pedagogy, credit-earning opportunities and formats meet the needs of self-directed adults who seek to achieve educational and professional goals.

ACADEMIC PROGRAMS

- Associate in Science in Business Administration
- Bachelor of Science in Business Administration
- Bachelor of Science in Organizational Leadership
- Bachelor of Science in Professional Studies
- Master of Business Administration
- Graduate Business Prep Program
- Master of Science in Hospitality Management
- Master of Science in Human Resource Management
- Master of Science in International Business Finance
- Master of Science in Management
- Undergraduate Certificate in Accounting
- Undergraduate Certificate in Computer Information Systems
- Undergraduate Certificate in Finance
- Undergraduate Certificate in General Management
- Undergraduate Certificate in Human Resources Management
- Undergraduate Certificate in Marketing
- Undergraduate Certificate in Operations Management
- Undergraduate Certificate in Organizational Leadership
- Graduate Certificate in Human Resources Management
- Graduate Certificate in Organizational Leadership
- Graduate Certificate in Project Management

MISSION AND PURPOSE

The School of Business and Management delivers a practitioner-oriented, competency-based business education within a learner-centered environment that prepares ethically responsible, value creating and globally engaged business professionals, entrepreneurs and leaders.

The School of Business and Management aspires to be the leader in the development and delivery of flexible, innovative and relevant collegiate business, management and leadership programs for adults. The dean, mentors and staff take pride in offering flexible learning options to diverse populations of self-directed adults who want to complement and integrate their previous educational and professional experiences with the school's business and management programs.

The school curriculum offers students a wide range of business and management courses to complete their degrees. The School's commitment to continuous quality improvement and degree offerings that are responsive to market needs, provides students with a unique advantage to compete in today's rapidly changing and complex global business environment. **W.**

CARY EDWARDS SCHOOL OF NURSING

The W. Cary Edwards School of Nursing provides students with innovative degree programs that meet the educational and career needs of students who want an alternative to traditional campus-based instruction.

The flexible, self-paced programs serve the educational needs of RNs, society's healthcare needs, and the nursing profession's need for a clinically competent and technologically adept workforce prepared to assume leadership positions in nursing.

ACADEMIC PROGRAMS

- Accelerated 2nd Degree Bachelor of Science in Nursing Program
- Bachelor of Science in Nursing (RN-BSN + RN-BN/MSN)
- Master of Science in Nursing
- Doctor of Nursing Practice
- Nursing Administration Graduate Certificate
- Nurse Educator Graduate Certificate
- Nursing Informatics Graduate Certificate

MISSION, PHILOSOPHY AND PURPOSE

The W. Cary Edwards School of Nursing accepts and upholds the mission of the University in providing flexible, high-quality, collegiate learning opportunities for self-directed adult learners. As such, the W. Cary Edwards School of Nursing believes that independent and self-directed study in a mentored, online environment is the hallmark of the academic programs offered to students by the W. Cary Edwards School of Nursing. In this learning environment, the student, as an adult learner, interacts and collaborates with mentors and peers to create and enhance a dialogue within a community of learners. Through this innovative approach to programming, the W. Cary Edwards School of Nursing assists in shaping the nursing profession by preparing nurses who are clinically competent and technologically adept to assume leadership positions in nursing.

The W. Cary Edwards School of Nursing supports the belief that attainment of the bachelor's degree is essential to the ongoing process of professional nursing education and development. The Bachelor of Science in Nursing (BSN) degree, building on the prior education and experience of the student, prepares graduates to practice nursing in a variety of settings and roles and provides a foundation for graduate study and lifelong learning. The Master of Science in Nursing (MSN) degree prepares graduates to assume leadership roles in a diverse, technologically challenging and global healthcare environment, and for advanced study and lifelong learning. The graduate nursing certificate programs offer

opportunities for advanced specialized study to master's-prepared nurses seeking additional opportunities in nursing.

The Doctor of Nursing Practice (DNP) degree prepares nurse leaders to function at the highest level in healthcare organizations. Competencies in organizational leadership, economics and finance, healthcare policy, population-focused care and technology are emphasized.

Nursing is a dynamic profession that provides an essential service to society. As such, nursing is engaged in multilevel roles and relationships and is accountable to society for its role in improving the health status of the community. Nursing is practiced with respect for human dignity and individual differences. The art and science of nursing requires the ongoing application of specialized knowledge, principles, skills and values. As a distinct body of knowledge, nursing builds upon theories from various disciplines and works collaboratively with other professions to enhance the health status of individuals, families, groups and communities.

The client is viewed as an open and dynamic system with unique psychophysiological, spiritual and sociocultural characteristics. Within this system, the client interacts with the environment and experiences varying states of health. Health is described as a dynamic process fluctuating along a wellness-illness continuum. Nurses assist clients to function and effectively adapt to the environment along that continuum. The environment encompasses numerous factors that affect the development and behavior of clients. These factors have an impact on the client's ability to function and maintain optimal health status. Nurses are responsible for the promotion, maintenance and restoration of health.

The mentors of the School are committed to the belief that the W. Cary Edwards School of Nursing must: use a teaching-learning process based on the principles of adult learning; demonstrate effective design and delivery of educational experiences in varied learning environments; provide for collaboration and collegial interaction among mentors and peers; effectively link theory, practice, research and technology; and extend its reach to people of diverse ethnic, racial, economic and gender groups.

Through these beliefs and contributions to the ongoing development of caring, competent, informed, ethical and accountable nurses, the W. Cary Edwards School of Nursing strives to play an influential and positive role in helping to shape the future and the practice of professional nursing.

PURPOSE AND GOALS

In keeping with the mission of the University and the commitment to providing high-quality education to address the needs of the greater community, the purpose of the W. Cary Edwards School of Nursing is to provide high-quality nursing education programs that meet the needs of RNs and the healthcare community, and the standards of the nursing profession.

The goals of the W. Cary Edwards School of Nursing are to:

- Prepare graduates to assume leadership roles in a diverse society and changing healthcare environment

- Provide nontraditional nursing education programs that meet the needs of adult learners
- Provide a foundation for advanced study and lifelong learning

JOHN S. WATSON SCHOOL OF PUBLIC SERVICE AND CONTINUING STUDIES

The John S. Watson School of Public Service and Continuing Studies currently offers undergraduate and graduate programs focusing on public service that are designed for working adults interested in professional and personal growth.

ACADEMIC PROGRAMS

- Associate in Arts in Human Services
- Bachelor of Science: Homeland Security and Emergency Management
- Bachelor of Science in Human Services
- Master of Public Service Leadership
- Master of Science in Management - Public Service Careers
- Graduate Certificate in Homeland Security
- Graduate Certificate in Fundraising and Development
- Graduate Certificate in Strategic Planning and Board Leadership for Nonprofits
- Noncredit Programs

MISSION AND PURPOSE

The mission of the John S. Watson School of Public Service and Continuing Studies is to serve higher education and the public interest as a school of innovation, information, and policy formulation; to support informed public policy and to strengthen leadership in local, county/regional and state government, the nonprofit and private sectors; to provide applied research, technical assistance, program development and policy analysis; and to strengthen the capacity of people and organizations providing services in the public interest.

This mission is inspired by Thomas Edison State University's mission of providing flexible, high-quality, collegiate learning opportunities for self-directed adults, and grounded in the University's mission to fulfill the public service obligation inherent to American institutions of higher education.

GOALS AND OBJECTIVES

The John S. Watson School for Public Service and Continuing Studies will prepare professionals for leadership roles in a wide variety of public service-related settings including government agencies at the local, regional and state levels; educational institutions providing services to youth, families and communities; health, human and social service agencies; and nonprofit, community and faith-based organizations.

The Watson School shall affect its mission by:

- Reframing public service education and preparation
- Transforming theory and practice related to quality provision of services to the public
- Preparing skilled professionals in the public service professions and related fields to contribute effectively to the delivery of public services
- Developing model programs, through the John S. Watson Institute for Public Policy, for direct delivery to the public service sector
- Providing state-of-the-art blended learning opportunities and programs for adult learners in public service related professions
- Collaborating with the other schools within Thomas Edison State University to provide a rigorous and interdisciplinary course of study
- Identifying and developing leaders within the public service professions

GOVERNANCE

www.tesu.edu/academics/catalog/Governance.cfm

BOARD OF TRUSTEES

The Board of Trustees is the University's governing body. The Board oversees all policy matters of the University, including the approval of degree programs and standards, and budget recommendations to the state treasurer.

Members are appointed by the governor, with the advice and consent of the Senate, to six-year terms. In addition, two student representatives, a voting member and an alternate, are elected by the Board of Trustees.

THOMAS EDISON STATE UNIVERSITY BOARD OF TRUSTEES

Brian T. Maloney, Chair

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The Undergraduate Council is designed to promote and maintain the quality of the University's academic offerings and to facilitate the work of the University in achieving its mission and goals. The Undergraduate Council has been delegated authority to review and make recommendations to the Board of Trustees on matters concerning the academic policies and programs of the University.

In meeting this obligation, the Undergraduate Council is responsible for making recommendations concerning the nature of degrees, academic program structure, content for general education

standards, guidelines for areas of study, concentrations and specializations, distance learning, academic integrity, the evaluation of courses, student learning, methods of earning credit and issues related to academic standing.

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www.tesu.edu/academics/catalog/mentors.cfm

The University has approximately 687 mentors who facilitate learners' academic progress. Thomas Edison State University mentors are selected because of their academic and experiential preparation as well as their commitment to serving adult students. Like our students, mentors come from many places. They may also work at other colleges and universities or hold positions in the nonprofit or corporate world. We require that all graduate mentors hold a terminal degree. Many also have extensive professional experience.

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MSM (University of Georgia)

Maureen Woodruff, Director of Test Administration
BA (Richard Stockton College of New Jersey)
MS (Thomas Edison State University)

Gillian Wyckoff, Director, Learner Support Center
BS (Butler University)
MS (Hood College)

Raymond Young, Associate Vice President and Dean of Learner Services
BPA (National University)
MS (University of Southern California)
MAEd, EdD (East Carolina University)

Secretarial/Support Staff: Diane Addesa, BA (Thomas Edison State University); Darryl Battle; Linda Battle, AAS, BA (Thomas Edison State University); Lorraine Boyd-Thompson; Melissa Brown, AA (Thomas Edison State University); Charles Breining; Dylan Brining, AS (Burlington County College); Melissa Brown; Carl Carter; Deborah Chianese; Tanisha Cox; Rose L. Dixon; Narissa V. Downey; Yesuratnam Guadarrama; Marjorie Henderson; Michele Huntley; Kenya Kornegay; Steve Krecicki, Maureen Leonard; Tanisha McKinnis; Michael Opalski; Ratna Parasher, BA (Thomas Edison State University); Sharon Rock; Elaine Scheff, BA (Thomas Edison State University); Frenchesta Squire; Pamela Tenaglia; Rosalyn Williams.

DIVISION OF PLANNING AND RESEARCH

Dennis Devery, Vice President for Planning and Research
BS (Rutgers, The State University of New Jersey)
MSM (Thomas Edison State University)
MSS (U.S. Army War College)
EdD (Rowan University)

Ying Huang, Senior Research Analyst
BA (Guangdong University of Foreign Studies, Guangzhou, China)
MA, PhD (Michigan State University)

Ying Jiang, Senior Research Analyst
BS, MS (Kean University)

Maureen F. Marcus, Confidential Assistant to the Vice President
BA (Thomas Edison State University)

Marie R. Power-Barnes, Director of Market Research and Assessment
BA, MBA (Rider University)

Ann Marie Senior, Associate Vice President for Planning and Research
BA (Cornell University)
PhD (University of Michigan)

DIVISION OF PUBLIC AFFAIRS

John P. Thurber, Vice President for Public Affairs
BA (Hampshire College)
JD (Rutgers Law School)

Frederick Brand, Director of Corporate and Foundation Relations
BA (College of the Holy Cross)
MA (New York University)

Kathleen Brommer, Assistant Director of Digital Communications
BA (Rider University)
MA (Seton Hall University)

Meg Frantz, Director of Alumni Affairs
BA (Susquehanna University)

Milady Gonzalez, Confidential Assistant

Jennifer Guerrero, Associate Director of the Annual Fund and Donor Relations
BS, MS (Drexel University)

Joseph Guzzardo, Associate Vice President for Marketing and Communications
BA-J (Marquette University)

Misty N. Isak, Associate Vice President of Development
BA, BS (College of Charleston)
MA (Trinity International University)

Jaclyn Joworisak
Advancement Associate
BA, MA (Rider University)

Leanne Kochy, Major Gifts Officer
AA (Middlesex County College)

Kristen Lacaillade, Communications and Media Outreach Associate
BA (Elizabethtown College)

Jeff Lushbaugh, Director, Website and Multimedia Production
BA (Virginia Polytechnic Institute and State University)
MS (Kean University)

Michael Martucci, Web Specialist
BA (Ramapo College of New Jersey)

Michelle W. Robinson, Gift Processing and Data Management Associate

Kelly Saccomanno, Associate Director, Office of Communications
AS (Burlington County College)
BSBA (Thomas Edison State University)

Linda Soltis, Communications and Media Outreach Specialist
AA (Bucks County Community College)
BA (Temple University)
MALS (Thomas Edison State University)

Erica Spizzirri, Director of Advancement Services
BA (Ohio Wesleyan University)

Mei Yin, Web Developer
BS (Beijing Science and Technology University)
MS (Drexel University)

Li-yun Young, Program Assistant, Alumni Affairs
BA (Rutgers University)
MA (Biblical Theological Seminary)

CONTACT INFORMATION

	Telephone	FAX	Email
Office of Admissions	(888) 442-8372	(609) 984-8447	<i>admissions@tesu.edu</i>
Undergraduate Student Advising	(888) 442-8372	(609) 777-2956	<i>academicadvising@tesu.edu</i>
Financial Aid	(888) 442-8372	(609) 633-6489	<i>finaid@tesu.edu</i>
Registrar	(888) 442-8372	(609) 777-0477	<i>registrar@tesu.edu</i>
Course and TECEP® Registration	(609) 633-9242	(609) 292-1657	<i>registration@tesu.edu</i>
ADA Coordinator	(609) 984-1141, ext. 3415	(609) 943-5232	<i>ada@tesu.edu</i>
Test Registration			
> Examinations other than TECEP®	(609) 984-1181	(609) 777-2957	<i>testing@tesu.edu</i>
> Course and TECEP® Examination Proctor Requests	(609) 984-1181	(609) 777-2957	<i>testing@tesu.edu</i>
Learner Support Center	(888) 442-8372	(609) 984-8447	<i>LSC@tesu.edu</i>

COLLEGE ADMINISTRATION

Heavin School of Arts and Sciences	(609) 984-1130	(609) 984-0740	<i>heavin@tesu.edu</i>
School of Business and Management	(609) 984-1130	(609) 292-7608	<i>schoolofbusiness@tesu.edu</i>
School of Applied Science and Technology	(609) 984-1130	(609) 292-7608	<i>scienceandtechnology@tesu.edu</i>
W. Cary Edwards School of Nursing	(609) 633-6460	(609) 292-8279	<i>nursing@tesu.edu</i>
John S. Watson School of Public Service and Continuing Studies	(609) 777-4351	(609) 777-3207	<i>watsonschool@tesu.edu</i>
Center for Assessment of Learning	(609) 984-1140	(609) 984-3898	<i>cal@tesu.edu</i>
Alumni Affairs	(609) 633-8592	(609) 943-3023	<i>alumni@tesu.edu</i>
Bursar	(609) 984-4099	(609) 984-4066	<i>bursar@tesu.edu</i>
College Operator	(888) 442-8372	(609) 984-8447	<i>LSC@tesu.edu</i>
Office for Assessment of Professional and Workplace Learning	(609) 633-6271	(609) 984-3898	<i>apr@tesu.edu</i>
Center for Learning and Technology (CLT)	(609) 292-6317	(609) 292-9892	<i>clt@tesu.edu</i>
Military and Veteran Education	(609) 281-5215 (866) 446-1804	(609) 984-7143	<i>militaryeducation@tesu.edu</i>

The University closes for a winter break the last week in December and is also closed for New Jersey state holidays.

DIRECTIONS TO THOMAS EDISON STATE UNIVERSITY

Canal Banks Building
221 W. Hanover St.
Trenton, NJ 08618
(609) 292-1611

Hanover Hall
167 W. Hanover St.
Trenton, NJ 08618
(609) 292-0078

Center for Learning
and Technology
102 W. State St.
Trenton, NJ 08608
(609) 292-6317

Kelsey Complex
111 W. State St.
Trenton, NJ 08608
(609) 292-7361

Glen Cairn Hall
301 W. State St.
Trenton, NJ 08618
(609) 599-9443

Kuser Mansion
315 W. State St.
Trenton, NJ 08618
(609) 777-1047

FROM THE NEW JERSEY TURNPIKE, NORTH OR SOUTH

- > Take the New Jersey Turnpike to exit 7A, exiting the Turnpike to take Interstate 195 West. Follow the directions "From the East" below.

FROM THE EAST

- > Follow 195 West toward Trenton, following signs for Route 29 North-Capitol Complex/Lambertville. Stay on Route 29 North; follow through the tunnel and proceed approximately one mile to the Calhoun Street exit.

Or

- > Take Route 80 or Route 78 East to Route 287 South.
- > Take Route 287 South to Route 202 South.
- > Take Route 202 South to Route 179 South toward Lambertville. Follow Route 179 South to Route 29 South. The Delaware River will be on your right.
- > Exit Route 29 at Calhoun Street.

FROM THE CALHOUN STREET EXIT:

To HANOVER HALL and CANAL BANKS BUILDING

- > Turn right at the second traffic light onto West Hanover Street.
- > Thomas Edison State University's Hanover Hall is located at 167 W. Hanover St.
- > Thomas Edison State University's Canal Banks Building is located at 221 W. Hanover St.



CANAL BANKS BUILDING



CENTER FOR LEARNING AND TECHNOLOGY



GLEN CAIRN HALL



HANOVER HALL



KELSEY COMPLEX



KUSER MANSION

To the KELSEY COMPLEX and CENTER FOR LEARNING AND TECHNOLOGY

- > Turn right at the first traffic light onto West State Street and proceed one full block.
- > Thomas Edison State University's Kelsey Complex is located at 111 W. State St.
- > Center for Learning and Technology is located at 102 W. State St.

To the KUSER MANSION and GLEN CAIRN HALL

- > Turn left at the first traffic light onto West State Street.
- > Thomas Edison State University's Kuser Mansion is located at 315 W. State St.
Glen Cairn Hall is located at 301 W. State St.
- > The Nursing Simulation Lab is located in Glen Cairn Hall.

FROM U.S. ROUTE 1, NORTH OR SOUTH

- > Take Route 1 to Perry Street.
- > At the end of the ramp, make a left onto Perry Street.
- > Proceed to the sixth traffic light and make a left onto Willow Street (Willow Street becomes Barrack Street south of West State Street).

To HANOVER HALL and CANAL BANKS BUILDING

- > Make a right at the first light onto West Hanover Street.
- > Thomas Edison State University's Hanover Hall is located at 167 W. Hanover St.
- > Thomas Edison State College's Canal Banks Building is located at 221 W. Hanover St.

To the KELSEY COMPLEX and CENTER FOR LEARNING AND TECHNOLOGY

- > Make a right at the second light onto West State Street.
- > Thomas Edison State University's Kelsey Complex is located at 111 W. State St.
- > Center for Learning and Technology is located at 102 W. State St.

To the KUSER MANSION and GLEN CAIRN HALL

- > Make a right at the second light onto West State Street. Continue on West State Street through one traffic light (Calhoun Street).
- > Make the second left after the traffic light into the driveway of the parking lot.
- > Thomas Edison State University's Kuser Mansion is located at 315 W. State St.
Glen Cairn Hall is located at 301 W. State St.
- > The Nursing Simulation Lab is located in Glen Cairn Hall.

FROM PENNSYLVANIA AND DELAWARE

- > If you are coming from Pennsylvania or Delaware, take Interstate 95 North over the Delaware River at the Scudders Falls Bridge.
- > Take Route 29 South to Trenton. The Delaware River will be on your right.
- > Exit Route 29 at Calhoun Street.

FROM THE CALHOUN STREET EXIT:

To the ACADEMIC CENTER and CANAL BANKS BUILDING

- > Turn right at the second traffic light onto West Hanover Street.
- > Thomas Edison State University's Hanover Hall is located at 167 W. Hanover St.
- > Thomas Edison State University's Canal Banks Building is located at 221 W. Hanover St.

To the KELSEY COMPLEX and CENTER FOR LEARNING AND TECHNOLOGY

- > Turn right at the first traffic light onto West State Street and proceed one full block.
- > Thomas Edison State College's Kelsey Complex is located at 111 W. State St.
- > Center for Learning and Technology is located at 102 W. State St.

To the KUSER MANSION and GLEN CAIRN HALL

- > Turn left at the first traffic light onto West State Street.
- > Thomas Edison State University's Kuser Mansion is located at 315 W. State St.
Glen Cairn Hall is located at 301 W. State St.
- > The Nursing Simulation Lab is located in Glen Cairn Hall.

DIRECTIONS TO THOMAS EDISON STATE COLLEGE BY PUBLIC TRANSPORTATION

- > If you wish to take public transportation to Thomas Edison State University, the Trenton train station is served by Amtrak and New Jersey Transit from locations north and south, by SEPTA from Philadelphia, and various bus routes.
- > Taxis are available at Trenton station to Thomas Edison State University, which is less than three miles away.
- > To return to the Trenton station, taxi services may be called from the University.

PARKING

1. KELSEY COMPLEX

Metered parking is usually available near the Kelsey Complex. Handicap-accessible parking is available on West State Street.

2. CENTER FOR LEARNING AND TECHNOLOGY

Metered parking is usually available near the Center for Learning and Technology. Handicap-accessible parking is available on West State Street.

3. HANOVER HALL

Metered parking is usually available near the Hanover Hall. Handicap-accessible parking is available in front of the building.

4. CANAL BANKS BUILDING

Street parking is usually available near the Canal Banks Building. The building is ADA compliant. Handicap-accessible parking is available.

5. KUSER MANSION

Parking is available behind the building. Handicap-accessible parking is available next to the main entrance of Kuser Mansion.

6. GLEN CAIRN HALL

Parking is available at Glen Cairn Hall.

PARKING GARAGES

PARK AMERICA

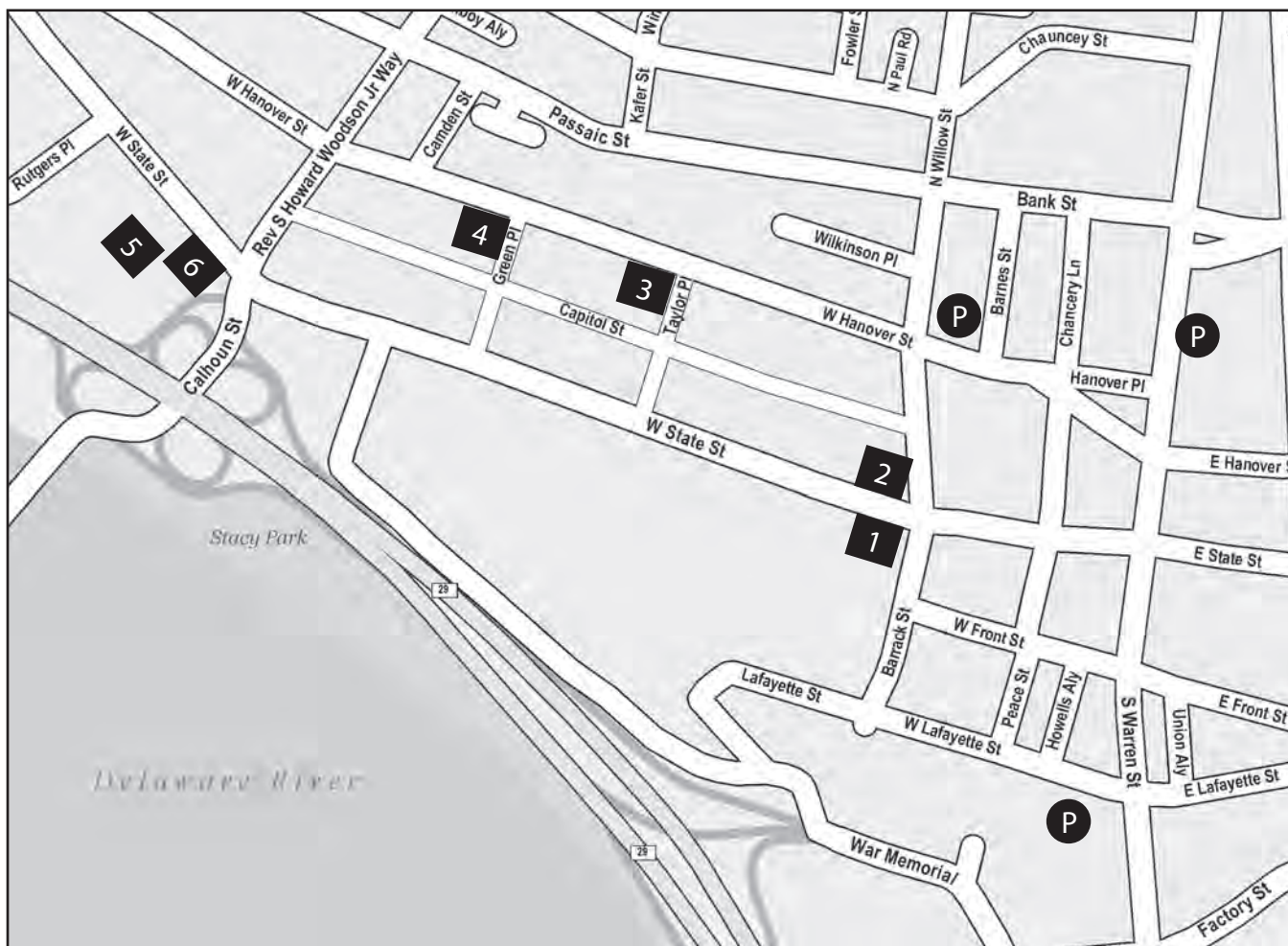
41 Chancery Lane
Trenton, NJ 08608
(609) 393-9822

TRENTON PARKING AUTHORITY

N. Warren Street Garage
110-116 N. Warren St.
Trenton, NJ 08608

LAFAYETTE YARD GARAGE

Public Parking at the Lafayette Marriott



section 5

Student Forms

www.tesu.edu/studentforms

THE FOLLOWING PAGES CONTAIN IMPORTANT FORMS:

- > Undergraduate Course Registration Form for Guided Study, standard prior learning assessment (PLA), online, nursing, e-Pack® courses and TECEP® exams
 - > Prior Learning Assessment (PLA) Proposal Form
 - > Textbook and Course Materials Order Form
-

Please review each form carefully. Select the forms for the services that you need and fill them out completely. Make sure to include your ZIP code, telephone number(s), email address and payment when submitting a form. Please note: all forms are also available online at www.tesu.edu/studentforms.

COPY EACH FORM AS NEEDED.



UNDERGRADUATE COURSE REGISTRATION FORM

Use this form to register for Guided Study, Prior Learning
Assessment (PLA), Online, Nursing, FlashTrack and e-Pack® courses

Submit this completed form with payment to:

Office of the Registrar

Thomas Edison State University
Course Registration
111 W. State St.
Trenton, NJ 08608
Office (609) 633-9242
Fax (609) 292-1657

COPY THIS FORM AS NEEDED

Please check the semester you want:

- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> July 2016 | <input type="checkbox"/> November 2016 | <input type="checkbox"/> March 2017 |
| <input type="checkbox"/> August 2016 | <input type="checkbox"/> December 2016 | <input type="checkbox"/> April 2017 |
| <input type="checkbox"/> September 2016 | <input type="checkbox"/> January 2017 | <input type="checkbox"/> May 2017 |
| <input type="checkbox"/> October 2016 | <input type="checkbox"/> February 2017 | <input type="checkbox"/> June 2017 |

**You may call in your registration at (609) 633-9242
or register online at www.tesu.edu**

GENERAL INFORMATION

☐ Check if this is an
address change.

Telephone registrations are accepted with a credit card from
11 a.m. - 3 p.m., EST/EDT during scheduled registration sessions.

You may register online, or fax or mail your registration 24 hours
a day during scheduled registration sessions. Include your credit
card number or other payment information.

College Identification Number

Last Name

First Name

MI

Street Address

City

State

ZIP Code

()

()

Daytime Telephone Number

Evening Telephone Number

Email Address *required for courses

COURSE REGISTRATION

List the course(s) for which you wish to register below. Include the complete course code (consisting of a three-letter discipline abbreviation, three-digit course number and two-digit suffix of GS, BL, FT, OL, PA, EP, NU, NG or PR), the course title and applicable tuition. You are responsible for all prerequisites. **If you wish a specific mentor, write that mentor's name next to the course title.** We will assign you that mentor if available. If you are enrolled in a special population program such as the Military Degree Completion Program (MDCP), Navy College Program Distance Learning Partnership (NCPDLP), Corporate Choice® or Bachelor of Science in Nursing degree program, please refer to your program tuition and fee structure information for appropriate tuition and fee costs.

- Students are responsible for meeting all course prerequisites prior to registering.
- Registrations received without complete information or total payment will not be processed and will be returned.
- Students who have paid the College's Comprehensive Tuition are still responsible for payment for course materials and any late fees that may apply and must purchase their course materials package from MBS Direct.

Complete Course Code	Course Title	Tuition

COURSE CODE SUFFIX KEY:

GS = Guided Study

EP = e-Pack® Courses

PA = Prior Learning Assessment

OL = Online Course

NU = Nursing

NG = Nursing Graduate

BL = Blended

TE = TECEP®

SAMPLE COMPLETE COURSE CODES:

COS-101-GS SOC-210-OL STA-101-EP

Total Tuition \$ _____

Registration Fee \$ _____

Late Fee if applicable \$ _____

TOTAL PAYMENT \$ _____

***For complete tuition and fees information, please refer to the University website at www.tesu.edu, and click on Tuition and Financial Aid.**

(CONTINUED ON REVERSE SIDE)

COURSE REGISTRATION FORM - Page 2

Student Name _____

College Identification Number _____

CHECKLIST

- Do you certify that prerequisites for all courses have been met? ☐ Yes ☐ No
- Are you a member of the United States military? ☐ Yes ☐ No
- If you have recently applied, when was your application submitted? _____
- Are you an enrolled Thomas Edison State University student? ☐ Yes ☐ No
- Is this your final course prior to graduation? If so, have you reviewed the graduation schedule on Page 19? ☐ Yes ☐ No
- Is this your first Thomas Edison State University course? ☐ Yes ☐ No
- If you are an enrolled student, have you reviewed your course with an academic advisor to determine if appropriate to your program of studies?** ☐ Yes ☐ No

Note: review with academic advisor does not establish registration.**PAYMENT INFORMATION**

- ☐ I am currently enrolled under the Comprehensive Tuition Plan.* If not, please check method of payment.
- ☐ Check/Money Order ☐ Credit Card ☐ Thomas Edison State University Financial Aid ☐ Military/Corporation/Agency Assistance Plan**

Make check/money order payable to: **Thomas Edison State University**Cash payments must be made in person, and are accepted only at: **Office of the Bursar**, 221 W. Hanover St., Trenton, NJ 08608-1176, *after* the registrar has processed the registration at Hanover Hall.

TUITION AID or MILITARY/CORPORATE/AGENCY NAME: _____

If your employer is providing tuition assistance, provide your employer's address and the contact person: _____

Contact Name _____

Street Address _____ City _____ State _____ ZIP Code _____

Employer's Telephone Number _____ Fax Number (if available) _____ E-mail Address (if available) _____

* THE COMPREHENSIVE TUITION COVERS ONLY THE REGISTRATION FEE AND COURSE TUITION COSTS.
YOU MUST STILL PAY ANY LATE REGISTRATION FEE IF APPLICABLE AND ORDER YOUR COURSE MATERIALS FROM MBS DIRECT.

** TUITION ASSISTANCE AUTHORIZATION/DOCUMENTATION MUST ACCOMPANY THIS REGISTRATION FORM OR REGISTRATION WILL NOT BE PROCESSED
AND WILL BE RETURNED.

STUDENT SIGNATURE

I hereby certify that the above statements are true and correct to the best of my knowledge and that I meet the prerequisites as listed for each course for which I have registered. I have read the current University Catalog and agree to abide by it. I authorize the release of grade information on the above course(s) to my employer, if my employer is paying for my course(s). By signing this form, I verify that I understand and agree to abide by the complete policy on academic integrity and procedures for discipline of academic integrity violations as stated in the University Catalog.

Student Signature _____ Date _____

Thomas Edison State University is committed to providing reasonable accommodation for verified disability. If you would like information on reasonable accommodation for disability, please contact the ADA coordinator at (609) 984-1141, ext. 3415 (voice), (609) 341-3109 (TTY).

CREDIT CARD AUTHORIZATION

CREDIT CARD: ☐ AMERICAN EXPRESS ☐ VISA ☐ MASTERCARD ☐ DISCOVER

ACCOUNT NUMBER: _____ Total Payment Amount From Other Side: _____

CARD EXPIRATION DATE: _____ Authorization Signature/Date (**required**): _____



UNDERGRADUATE SINGLE-COURSE PRIOR LEARNING ASSESSMENT (PLA) PROPOSAL FORM FOR PORTFOLIO

For course descriptions, visit the University website at
www.tesu.edu/plasearch.php

Center for the Assessment of Learning

Thomas Edison State University • 111 W. State St. • Trenton, NJ 08608

COMPLETE BOTH SIDES - COPY THIS FORM AS NEEDED

This form is to be completed only by students who have completed PLA-100 or previously completed a PLA course, and are planning to follow the single-course process. All other students interested in PLA should contact plaweb@tesu.edu for assistance.

Check one:

- ☐ I am currently enrolled in an undergraduate degree program at Thomas Edison State University.
- ☐ I am not currently enrolled in Thomas Edison State University.

Current Institution _____

Date _____

2016-2017 ACADEMIC YEAR

Please check the semester you plan to take your PLA course:

- | | |
|------------------------------------|-----------------------------------|
| <input type="checkbox"/> July | <input type="checkbox"/> January |
| <input type="checkbox"/> August | <input type="checkbox"/> February |
| <input type="checkbox"/> September | <input type="checkbox"/> March |
| <input type="checkbox"/> October | <input type="checkbox"/> April |
| <input type="checkbox"/> November | <input type="checkbox"/> May |
| <input type="checkbox"/> December | <input type="checkbox"/> June |

PLEASE PRINT

Last Name	First Name	MI	
Street Address	City	State ()	ZIP Code
College ID (if Thomas Edison State University student)	Daytime Telephone Number ()		
Email Address	Evening Telephone Number		

Have you completed English Composition I and II (ENC-101 and ENC-102)?* ☐ Yes ☐ No

This proposal form should be submitted **at least two weeks prior to the close of the registration period** for the semester requested.

Please indicate the primary reason for your interest in prior learning assessment (PLA):

- ☐ pursuing a degree at Thomas Edison State University
(note degree program in which you are enrolled) _____
- ☐ pursuing a degree at another institution (please name) _____
- ☐ banking credits for teacher certification
- ☐ banking credits for professional advancement
- ☐ other _____

ALL STUDENTS MUST READ THE FOLLOWING AND SIGN BELOW:

I acknowledge that the information I submit to Thomas Edison State University in my portfolio is true and correct. I understand that willful failure to give accurate information is considered adequate grounds for dismissal from the University and for revocation of credits granted.

Student Signature

Date

Thomas Edison State University is committed to providing reasonable accommodation for verified disability. If you would like information on reasonable accommodation for disability, please contact the ADA coordinator at (609) 984-1141, ext. 3415 (voice), or (609) 341-3109 (TTY).

*** Students who register for PLA are strongly advised to have completed the requirements for English Composition I and II. Prior learning assessment (PLA) may not be done to satisfy requirements for physical education activity courses, field experience, student teaching, cooperative study, Practicum courses, English Composition I and II, internships, seminars, lab courses or other courses whose subject matter may be inconsistent with demonstrating prior learning through a narrative-centered e-portfolio process.**

(CONTINUED ON REVERSE SIDE)

COMPLETE SECTION I OR SECTION II BELOW. THEN COMPLETE SECTION III.

- I. If the course you plan to complete as a portfolio appears in the Thomas Edison State University PLA Course Description Database at www.tesu.edu/plasearch.php, please provide the following information as it appears there:
- a. Course Title _____
 - b. Course Code _____
 - c. Credits (semester hours) _____
- II. If the course you plan to complete as a PLA portfolio **does not** appear in the Thomas Edison State University PLA Course Description Database, please provide the following details from another regionally accredited college and attach a working link or photocopy of the description, no more than two years old, from that college's catalog.
- a. Course Title _____
 - b. Course Code _____
 - c. Credits _____
 - d. Department in which the course is offered _____
 - e. Name of the college where you found the course description _____
 - f. **Year the catalog was published** _____
 - g. Page on which the description appears _____

Attach a photocopy of the course description or provide a working link to the description.

- III. Briefly describe the experience you will bring to your PLA e-portfolio. This will be reviewed for approval by the Office of Portfolio Assessment. Before completing this section, make sure to read and carefully consider the *PLA Self-Assessment Guide* at www.tesu.edu/degree-completion/PLA-Self-Assessment-Guide.cfm. This information is designed to help you determine, before you register, whether your prior learning is appropriate for this method of earning credit.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This form may be faxed to (609) 984-3898.

THIS IS NOT A REGISTRATION FORM. By returning this form to the Office of Portfolio Assessment, you are declaring your intent to develop a PLA Portfolio. You will be informed when you are cleared to register, at which time you may register online through Online Student Services, you can telephone your registration request to (609) 633-9242 or fax the registration form to (609) 984-3898. **STUDENTS MAY NOT REGISTER ONLINE until they are cleared to do so.**

TEXTBOOK AND COURSE MATERIALS ORDER FORM



Thomas Edison State University

COPY THIS FORM AS NEEDED

Please check semester:

- ☐ July 2016
☐ August 2016
☐ September 2016

- ☐ October 2016
☐ November 2016
☐ December 2016

- ☐ January 2017
☐ February 2017
☐ March 2017

- ☐ April 2017
☐ May 2017
☐ June 2017

Textbooks and course materials may be purchased from MBS Direct. Students are responsible for obtaining textbooks and course materials in a timely manner. Order early to ensure that books are not returned to the publishers. Call MBS Direct for current prices or availability of used books.



By Internet - Safely order your books online from the Virtual Bookstore at www.direct.mbsbooks.com/tesu.htm. Follow the prompts and we do the rest. You can save 20 percent on UPS shipping by ordering through the Internet.



By Phone - Orders may be placed by calling (800) 325-3252, Monday-Thursday, 7 a.m.-10 p.m.; Friday, 7 a.m.-6 p.m.; Saturday, 8 a.m.-5 p.m.; and Sunday, 12 p.m.-4 p.m., CDT/CST.



By Fax - Complete the Textbook Order Form. Fax to (800) 499-0143. Credit card will be charged for a new book if a used copy is not available.



By Mail - Complete the Textbook and Course Materials Order Form. Send with your check, money order or credit card information. **Mail orders must be for the price of a new book. If you prefer a used book, and used is available, a check will be issued for the difference.** Mail your completed Textbook and Course Materials Order Form to:

MBS Direct, P.O. Box 597, Columbia, MO 65205

Send express orders to:

MBS Direct, 2805 Falling Leaf Lane, Columbia, MO 65201



Shipping Internationally - Students ordering books to be shipped internationally must call for shipping charges. International Phone: (573) 446-5299
 International Fax: (573) 446-5254

Shipping charges valid at time of publication.

A \$3 per tape REFUNDABLE deposit will be charged on all media components. Look for the Refund Form in the carton containing the course materials.

SHIPPING CHARGES FOR MAIL ORDER ONLY

PLEASE CONTACT MBS BY CALLING (800) 325-3252
 FOR SHIPPING METHODS AND COSTS

PLEASE PRINT OR TYPE ALL INFORMATION

SHIP TO

Last Name	First Name	MI
Street Address (No post office boxes for UPS shipping) ()	City ()	State ZIP Code
Evening Telephone Number ()	Daytime Telephone Number	
Fax Number (if available)	Email Address (if available)	

TEXTBOOK ORDER

Complete Course or Examination Code	Indicate NEW/USED*	Start Date	Course or Examination Title	Amount

NOTE: Due to fluctuating demand, TECEP® textbooks may not always be available. If MBS Direct does not have the textbooks you need, you may order books directly from the publisher (refer to the TECEP® Test Description area of the University website at www.tesu.edu) or from a bookstore.

* USED BOOKS IF AVAILABLE.

MAIL ORDERS MUST INCLUDE PAYMENT FOR NEW BOOKS.

Subtotal \$ _____
 Missouri Residents add 2.75% tax. Washington State Residents add 8% tax. \$ _____
 Shipping \$ _____
 TOTAL PAYMENT \$ _____

METHOD OF PAYMENT

☐ CHECK ☐ MONEY ORDER (Make Checks and Money Orders payable to **MBS Direct**)

CHECK APPROPRIATE CARD: ☐ AMERICAN EXPRESS ☐ VISA ☐ MASTERCARD ☐ DISCOVER

CREDIT CARD ACCOUNT NUMBER: _____

CARD EXPIRATION DATE: _____ Authorization Signature/Date (required): _____

Recommended Study Aids

"How to Study In College"

by Walter Pauk

"Harbrace College Handbook"

by John C. Hodges

"Study Skills for Today's College Student"

by Jerold W. Apps

"College Reading and Study Skills"

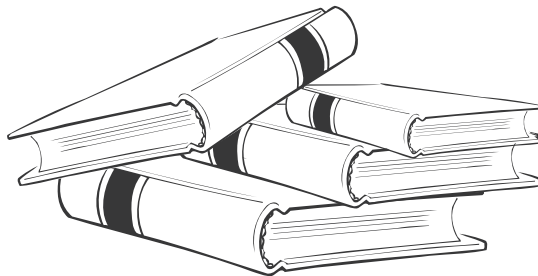
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