



Troy University



**Associate in Science in General Education - Computer Science**

**STUDENT DATA:**

**NAME:** ROADMAP'S DEGREE

**SSN:** 000-00-0000

**Credit Potential  
Required Credit**

**Degree Notes**

Students must complete the following courses with a minimum grade of C prior to registering for any upper level business course: ENG 1101/3, ENG 1102/4, MTH 2201, IS 2241, ECO 2251, and ECO 2252.

**Composition and Modern English I (ENG 1101) [EN024A] 3.00**

Intensive instruction in the writing process. Focuses on organization of ideas in well-developed expository and argumentative essays (usually 6 to 8 essays), with stress on grammar, punctuation, and vocabulary development. (This requirement may be filled with college level testing credit. TSU accepts the CLEP General English with essay.)  
{DANTES Code = 11.07.00}

**Composition and Modern English II (ENG 1102) [EN025A] 3.00**

Text-based analyses and application of principles and tools of research in writing short research papers. (This requirement may be filled with college level testing credit. TSU accepts the CLEP General English with essay.)  
{DANTES Code = 11.07.00}

**Literature Electives 3.00**

Select from the following courses:

- World Literature I (ENG 2205)
- World Literature II (ENG 2206)
- American Literature I (ENG 2211)
- American Literature II (ENG 2212)
- British Literature I (ENG 2244)
- British Literature II (ENG 2245)
- {DANTES Code = 11.21.00}

Visit the TROY website for a description of these courses.

**Fine Arts Electives 2.00**

Select from the following courses:

- Visual Arts (ART 1133)
- Introduction to Drama (DRA 2200)
- Music Appreciation (MUS 1131)

{DANTES Code = 08.09.XX series, 08.02.01 or 08.07.06}

Visit the TROY website for a description of these courses.

### History Electives

3.00

Select from the following courses:

Western Civilization I (HIS 1101)  
 Western Civilization II (HIS 1102)  
 U.S. to 1877 (HIS 1111)  
 U.S. since 1877 (HIS 1112)  
 World History to 1500 (HIS 1122)  
 World History from 1500 (HIS 1123)  
 {DANTES Code = 20.07.05, 20.07.06, or 20.07.07}

Visit the TROY website for a description of these courses.

### Finite Mathematics (MTH 1110) or Pre-Calculus Algebra (MATH 1112)

3.00

Visit the TU website for a description of these courses.

{DANTES Code = 14.13.00 or 14.01.05}

### Natural Science Electives

4.00

Select from the following courses:

Principles of Biology w/Lab (BIO 1100/L)  
 Physical Science w/Lab (SCI 2233/L)  
 Earth and Space Science w/Lab (SCI 2234/L)

(CLEP General Natural Science will cover the NS electives, but not the lab requirement. Note -- For students who may have taken science courses or a CLEP exam without a lab, TROY can provide a virtual lab online.)

{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series}

Visit the TROY website for a complete listing and description of courses.

### Computer Concepts and Applications (IS 2241)

3.00

This course provides an interdisciplinary introduction to microcomputer literacy, word processing, spreadsheets, database, business graphics and the internet.

{DANTES Code = 05.02.00}

### Orientation: Required for all students (TROY 1101)

1.00

The primary purpose of this course is to assist entering students in acquiring the necessary knowledge and skills to manage effectively the Troy University campus environment in order to maximize their potential for success at the University, in their careers, and throughout their lives.

### Computer Programming I (CS 2244)

3.00

An introduction to a programming language. Programming fundamentals include program structure, assignment, data types, repetition, input/output, flow of control, and functions. Program design development and testing is emphasized. Prerequisite: MTH 1112.

{DANTES Code = 05.03.01 or 05.03.05}

**Computer Programming II (CS 2260) 3.00**

A continuation of Computer Science I to include advanced programming techniques including application of arrays and advanced input/output. Students design, implement, and test a number of moderately large programs. Prerequisites: CS 2244 and MTH 1125 or 2201. {DANTES Code = 05.03.01 or 05.03.05}

**Computer Science Electives 12.00**

Select twelve semester hours of computer science courses with at least one course being at the 4000 level. Visit the TROY website for a complete listing and description of courses. {DANTES Code = 05.XX.XX series}

**Free Electives 17.00**

**Excess or Duplicate Credit**

**TOTAL ..... 60.00 0.00**

Thank you for requesting support from the U.S. Coast Guard Institute (CGI). Whereas we serve as an activity in support of your unit Educational Services Officer (ESO), you are encouraged to seek assistance from your local ESO in your academic endeavors. The following information is provided to help you understand what is presented in this degree plan:

This document is an UNOFFICIAL Degree Plan to provide you with a preliminary assessment of how your prior learning experiences might fit into the specified degree program for this academic institution. If you choose to pursue this degree option, you must present it to a college representative, who will review it for the following:

- o Accurate representation of the college's degree program requirements, including course numbers and titles, credit hours for each course, lower- and upper-level course requirements, and the total number of credits needed for the degree.
- o Appropriate assignment of ACE Guide-recommended credit at the lower or upper level for military service schools and occupations, CLEP, DSST, and other tests, transfer credit for courses from other colleges and universities, certification programs, etc.
- o Appropriate assignment of SOC Course Category Codes from the SOC Handbook Transferability Tables. The SOC Degree Program Handbooks can be obtained from the SOC web site at: [www.soc.aascu.org](http://www.soc.aascu.org) should you wish to learn more about the course transfer guarantees among SOC network institutions.

IMPORTANT NOTE: When you are ready to seek admission into this degree program, please contact the USCG Institute at 1-405-954-7241. Your advisor will send the college or university an official U.S. Coast Guard Institute transcript, a copy of the degree plan, and a ready-for-signature SOC Student Agreement which, when signed by a college official, becomes a contract for degree completion committing the college or university to supporting you in your academic endeavors.

Credit for all courses you have taken must be reflected on official transcripts sent

directly to this college from the administrative offices of the colleges you previously attended. This degree plan is often used for information purposes by college counselors pending receipt of the official transcripts from the source colleges.

This degree plan is not intended to compete with your local college or university. Keep in mind, you are allowed to transfer in a significant amount of the degree requirements to this institution. As such, credit from local colleges, college level examination programs, or advanced military training may be applied to this degree. You may also complete the courses necessary from this college either in residence (on campus or possibly on a military base at a campus extension in the Education Center) or through distance delivery of the courses. If you have questions, please contact the college counselor or your advisor listed at the bottom of this Degree Plan.

#### DEGREE PLAN LEGEND:

SH = Semester hours  
 VOC = Vocational, not relative to an academic degree  
 LL = Lower Level, i.e. courses at the Freshman/Sophomore level  
 UL = Upper Level, i.e. courses at the Junior/Senior level  
 GL = Graduate Level (sometimes recommended by ACE for very complex courses)  
 [#] such as [EN024A] or [EN024B] = SOC Course Category Codes\*  
 {#} such as {DANTES Code = 01.02.03} = DANTES Academic Codes \*\*

\* SOC Course Category Codes: Service members Opportunity Colleges (SOC) is a consortium of over 1,600 accredited colleges and universities seeking to provide degree opportunities to the military. Over 170 of these institutions participate in network degree programs developed for the Army, Navy, Marine Corps, and Coast Guard. A SOC course category number beside a course from one of these institutions, such as [EN024A] or [EN024B] for English Composition, indicates that courses from other degree program institutions with the same code may be taken to satisfy the degree requirement. See the SOC Degree Programs Handbooks at <http://www.soc.aascu.org/>

\*\* DANTES Academic Codes: The Defense Activity for Non-Traditional Education Support (DANTES) publishes the DANTES Independent Study Catalog (DISC) annually, which lists more than 6,000 courses from dozens of regionally accredited colleges and universities. Because this is a degree from a SOC affiliated college, the academic residency requirements are limited, thereby allowing students to transfer in a significant portion of the degree, as mentioned above. If the course you desire to take is not offered by this institution when you want to take it, consider the opportunities the courses in the DISC present. For more information, visit [http://www.dantes.doded.mil/dantes\\_web/distancelearning/disc/front/cont.htm](http://www.dantes.doded.mil/dantes_web/distancelearning/disc/front/cont.htm) Keep in mind, you should always check with the counselor or academic advisor at this institution before enrolling in a course listed in the DISC to ensure it will be accepted in transfer toward this degree.

#### Troy University (TU) General Information

This degree is available online. Troy University / University College is responsible for the delivery of off-campus, out-of-state educational programs. The

college is comprised of five geographic regions with approximately 50 branches and teaching sites located in five countries and 14 states. The branches and sites are primarily based on or near military installations and serve military and civilian personnel and their dependents stationed on the bases. The college is a member of the Servicemembers' Opportunity College (SOC) and the Council for Adult and Experiential learning (CAEL).

The maximum amount of college level testing credit accepted by TROY is 30 semester hours for an Associates Degree or 60 semester hours for a Bachelor's Degree. (Note: TROY does not accept Excelsior College Examinations.)

One-time Application Fee: \$30

Tuition per course: \$163 per semester hour (subject to change)

Employees of government agencies, corporations, and private business may be eligible for military tuition rates if they are members of any of the seven Military Reserve or National Guard components. Check with the admissions office to determine eligibility if applicable.

To discuss your next step toward earning this degree with Troy University, contact:

Wendy Knox, Asst. Site Director for Advising

Distance Learning Center

Troy University

Phone: (866) MY-TSU-DL

E-mail: wknox@troy.edu

Website: <http://www.troy.edu/>

POLICY NOTES:

Transfer of non-traditional credit accepted by TU may include up to 30 semester hours of non-traditional credit for an Associates Degree (Military credit or college level testing). The remaining 30 semester hours for an Associates Degree must be taken through colleges. Note: 15 semester hours for an Associates Degree must be taken through TU, including 9 semester hours in the concentration.

This college is rated as one of the nation's best in U.S. News & World Report's "America's Best Colleges" issue.

Evaluation completed by: Charles Morrison

On: 07 June 2007