



Excelsior College



Bachelor of Science in Technology - Electronics Engineering Technology

STUDENT DATA:

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit	Potential
Required	Credit

English Composition [EN024B,EN025B]

3.00

(Must have 3 sh in English Composition, either a college course or the Excelsior English essay exam)
{DANTES Code = 11.07.00}

Communications Elective

6.00

(This requirement may be filled with college level testing credit. Courses in Speech, Written Composition, Technical Writing, Oral Communications, etc., are applicable in this area.)
{DANTES Code = see 08.XX.XX series}

Humanities

3.00

(Note: At least one course must be in a subject other than written communications. However, advanced and creative writing may apply. This requirement may be filled with college level testing credit.)
{DANTES Code = any 08.XX, any 11.XX, or some 04.XX series}

Social Sciences/History

6.00

(This requirement may be filled with college level testing credit.)
{DANTES Code any 20.XX.XX series}

Humanities and Social Sciences/History Electives

6.00

(This requirement may be filled with college level testing credit.)
{DANTES Code any 20.XX.XX or 08.XX.XX series}

Physics I and II - Minimum One Lab

12.00

{DANTES Code = 16.11.00 or any 16.11.XX series}

Calculus I and II or Applied Calculus I and II

12.00

(College credit by examination may apply. Visit the EC website for a description of courses.)
{DANTES Code = 14.04.00 or 14.04.01}

Arts and Sciences Electives

12.00

(College credit by examination may apply.)
{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series or 08.02.01}

ELECTRONICS ENGINEERING TECHNOLOGY COMPONENT

(The 48 credits required in the Technology Component include 24 in the technical specialty area and 8 in technical electives. Additionally, one course in Integrated Technology Assessment Requirement must be completed as a part of the technology component. NOTE: 16 of the 48 credits must be upper-level. Additionally there are eight laboratory requirements. Of those eight, one physics laboratory is required in the natural sciences/mathematics area and the remaining seven must be in the electronics engineering technology component. Of those seven four must be related to the electronics engineering technology core content areas. The remaining three laboratories may be in any technology component subjects, either core courses or electives. Because of the ever-changing nature of technology, a 10-year time restriction from the date of enrollment is placed on electronics engineering technology component coursework except Circuit Theory I and Circuit Theory II. Please note that course content in these areas is subject to faculty approval. The time limit may be appealed with verification of appropriate and current professional and/or academic experience.)

Integrated Technology Assessment Requirement**3.00**

(Visit the EC website for a description of this requirement.)

Electronics Engineering Technology Core Courses**24.00**

(Electronics Engineering Technology Core Requirements: You must complete at least one course or examination in each of the following subjects:

Circuit Theory I
 Circuit Theory II
 Electronics I
 Electronics II
 Digital Electronics
 Microprocessors Systems
 Electronic Communications / Data Communications Systems
 Computer Programming

Visit the EC website for a description of this requirement.)

{DANTES Code = 07.07.03 or 05.02.05}

Electronics Technology Technical Electives**8.00**

(Choose courses from the list below: The electives currently acceptable toward the electronics engineering technology component are placed in two categories. You may select either all or a majority of electives from the electronics electives list. The computer electives are relevant for you if you choose to supplement your electronics technology coursework; however, you must select the majority of the electronics engineering technology component electives from the electronics list. By choosing electives carefully, you may design a specialization beyond the core.

ELECTRONICS ELECTIVES

Advanced Communications, Advanced Digital Electronics, Advanced electronics, Antennas, Communications Systems, Computer Systems, Control Systems, Data Communications - Hardware, Digital Process Control, Digital

Systems, Electrical Drafting, Electrical Machines, Electromechanical Systems, Electro-Optics, Electro-Optics Measurements, Electronic Devices, Electronic Measurements, Fiber Optics, Industrial / Power Electronics, Instrumentation - Test Equipment, Introduction to Lasers, Laser Applications, Light Sources and Wave Optics, Microprocessor-Based Robotics, Microprocessor Systems, Microwave Devices, Network Analysis, OPTO-Electronics, Power Generation, Robotics, Satellite Communications, Servomechanisms, Special Problems - Project / Design, Systems Troubleshooting, Telecommunications, Transmissions and Distribution Systems, Video Systems

COMPUTER ELECTIVES

CAD / CAM, CIM, Computer Graphics, Computer Languages - Software, Computer Systems - Hardware, Electromechanical Systems, Reliability / Maintainability, Robotics - Computer Based, Statistical Quality Control, Technical Instruction - Techniques

College credit by examination may apply. Visit the EC website for a description of this course.)

Electronics Engineering Technology Upper Level Courses **13.00**

These Courses Must is primarily in the electronics area. Courses considered upper-level if it is offered in an engineering technology or engineering baccalaureate degree program at the junior or senior level and is clearly not introductory in content. Please note that coursework acceptance toward the upper-level requirement is subject to faculty approval. Visit the EC website for a list of Electronics Engineering Technology Upper Level Courses.

Information Literacy Requirement **1.00**

(Information literacy can deepen and improve one's basic general educational skills. Students enrolling on or after January 1, 2004, will be asked to demonstrate their competency in accessing and navigating information, selecting credible and reliable sources, reading critically, and thinking independently through the information refinement process. One option for satisfying this requirement is to take the new online Information Literacy course.)

Free Electives / Applied Professional Electives **15.00**

(The Electronics Engineering Technology program is designed to include room for up to 16 credits from applied professional - free electives. You may earn such credits in any field of college study, including professional or technical subjects, as well as in arts and sciences. Credit is not granted for Physical education activity courses. College credit by examination may apply.)

Excess or Duplicate Credit

TOTAL 124.00 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 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 send the completed enrollment form (found on the college's web page) to the USCG Institute. The registrar will send the college or university an official USCG transcript, a copy of the degree plan (if one was developed through the USCG Institute and was identified on your transcript request), and a ready-for-signature SOC Student Agreement (when signed by a college official, becomes a contract for degree completion).

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 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.

Excelsior College (EC) General Information

If earning your degree is a life goal, Excelsior College is for you. Founded on the philosophy that "what you know is more important than where or how you learned it," Excelsior College recognizes there are many valid sources of learning. And that learning can mean credit toward your degree at Excelsior College. Excelsior College starts by evaluating the credit you have already earned. They look for possible credits from the following sources: courses you've already taken at other regionally accredited colleges and universities, distance education courses, college credit examinations, corporate training, and military training. Then they assist you by identifying the remaining courses needed to fulfill curriculum requirements and, when completed, they confer the degree. Excelsior College proudly counts some 40,000 current and former military personnel among its more than 100,000 graduates worldwide.

PROGRAM COSTS: (Subject to change)

Under Option #1, students must complete at least 6 semester credits toward the Associate in Applied Science degree, 9 semester credits toward the Associate in Science in Liberal Arts degree, or 12 semester credits toward the Bachelor of Science in Liberal Arts degree from Excelsior College distance learning courses.

Under Option #1 there is a reduced enrollment fee of \$85 for the AAS degree programs, \$125 for all other associate degree programs and \$175 for the bachelor's degree program if you take Excelsior College distance learning courses as outlined above. Upon completion of degree requirements, there is a \$85 Graduation/Completion fee for the AAS degree programs, \$125 for all other associate degree programs and \$175 for the bachelor's degree program. There are no Student Service Annual Fees for this option as long as students make satisfactory academic progress (defined as 6 semester credits of Excelsior College courses per enrollment year). Otherwise, the Student Service Annual Fee will be \$80 for all degree programs. Once a student has met their full obligation, there will be no further annual fees.

Under Option #2, students are not required to take any Excelsior College Distance Learning courses. Under this Option, the enrollment fee for the AAS degree programs is \$495, AS degree enrollment fee is \$765, and bachelor's degree enrollment fee is \$765. Student Service Annual fees are \$440 for AAS (applied after two year enrollment period) and \$440 for all other degree programs (assessed after one year enrollment period). Graduation/Completion fees are \$245 for the AAS degrees, \$465 for the AS degree (\$255 for the ARNG and USCG), and \$495 for the bachelor's degree (\$270 for the ARNG and USCG).

Course Tuition is \$250 per semester credit for military personnel and \$300.00 per semester hour for non-military students.. The non-matriculated student course registration fee is \$20 per course.

To discuss your next step toward earning this degree with Excelsior College, contact:

Excelsior College
7 Columbia Circle
Albany, NY 12203-5159
Toll-free phone: 1-888-647-2388
E-mail: selfrev@excelsior.edu
Website: <http://www.excelsior.edu>

POLICY NOTES:

The maximum amount of college level testing credit accepted by EC is 119 semester hours for a Bachelor's Degree - nearly the entire degree. Transfer credit accepted by EC may include the entire degree requirements using non-traditional credit (military credit or college level testing) with the exception of the Information Literacy course, which must be taken through them. You may complete all other requirements for the degree through courses taken at your local college, military credit, or through college level examinations. When you have completed most or all the degree requirements, you will enroll in the college, transferring in the credits you have earned. The college then charges administrative fees for the process of establishing student records, confirming your educational accomplishments, and awarding the degree. EC does offer a number of distance learning courses which the student may take to complete degree requirements. By doing so, the academic fees are significantly reduced.

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

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: 14 November 2008