



Excelsior College



Bachelor of Science in Information Technology

STUDENT DATA:

NAME: ROADMAP 'S DEGREE

SSN: 000-00-0000

Credit Potential
Required Credit

English Composition (ENG 101)

3.00

(The primary objective of this course is to help the student become a better writer for college, career, and life. The course takes an integrated approach to expository writing, and brings together mechanics, strategies, and theories of effective writing. Must have 3 sh in English Composition, either a college course or the Excelsior English essay exam)

{DANTES Code = 11.07.00}

Humanities Electives

6.00

(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}

Business Ethics (BUS 323) [BU063B]

3.00

(This undergraduate course examines corporate governance, business government relations, the impact of economic and social change, organizational ethics, and the political role of business. It considers the measures business may use to anticipate and provide appropriate responses to changes in public and government expectations while defending legitimate business interests. College credit by examination may apply. Visit the EC website for a description of this courses.)

{DANTES Code = 17.05.00}

Social Sciences Electives

9.00

(This requirement may be filled with college level testing credit.)

{DANTES Code any 20.XX.XX series}

Natural Sciences/Mathematics Electives

9.00

(This requirement may be filled with college level testing credit. To meet the quantitative requirement, students must complete a course in one of the following areas: math, statistics, or logic)

{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX or any 14.XX.XX series}

Calculus I, Discrete Math or Statistics [MH055B,MH064B,MH053B]

3.00

(College credit by examination may apply.)

{DANTES Code = 14.04.00 or 14.04.01 or 14.14.00}

Liberal Arts Electives	27.00
(College credit by examination may apply.)	
{DANTES Code = 08.XX or 11.XX or 13.XX or 16.XX or 17.XX or 20.00 series}	
Introduction to Computers [CS001B]	3.00
(College credit by examination may apply. Visit the EC website for a description of this course.)	
{DANTES Code = 05.02.00}	
Computer Architecture (IT 320) [CS031B]	3.00
(This course covers the design and organization of a computer's processor, instruction set, and memory. It also includes Assembly language and interrupts and I/O devices as well as caching and pipelining.)	
{DANTES Code = 05.02.03}	
Object Oriented Programming (IT 210) [CS047B]	3.00
(CIS 210 covers problem solving and algorithm development using the object-oriented programming language Java. Introduction to object-oriented features including encapsulation, inheritance, and polymorphism will be discussed. The course will also examine the development of process of design, coding, debugging, and documentation, and will focus on techniques of good programming style and sound program construction.)	
Database Management Systems (IT 370) [CS014B]	3.00
(This course examines the technology and impact of the design of database systems on the organization. It provides the student with a thorough understanding of the application, design, and implementation of database systems by enforcing in the student the ability to contribute effectively to information systems development. Topics include an introduction to basic database concepts, database design principles including E-R diagrams and database normalization, SQL queries, transaction management, distributed databases, data warehousing, and database administration. The focus of the course is on the relational model. The course includes a significant hands-on component in which students design and implement a database application.)	
Business Data Communications (IT 350) [CS017B]	3.00
(This course is intended to provide an understanding of the current theory and practice of Business Data Communications and Networks. During the past decade, there has been an increasing awareness within business and academic circles that certain nations have evolved into information societies. These countries now rely heavily on knowledge and information services to stimulate economic growth. No industry has contributed to this trend and shows more potential for further development than telecommunications. This is particularly true in recent years following the breakup of AT&T, the trend toward global markets and deregulation, and the impact of the Internet. There are more service providers, products, and potential opportunities than ever.)	
Operating Systems (IT 360) [CS002B]	3.00
(This course is an introduction to what makes up a digital Computer Operating System and provides students an understanding of the basic	

components and structure of a generic operating system, considering in detail processes, process management and synchronization, threads, interrupts and interrupt handling, memory management, virtual memory management, resource allocation, and an introduction to file systems. Topics in protection and security are also examined.)

Overview of Computer Security (IT 380) 3.00

(In this course, we will take an in-depth look at operating system security concepts and techniques. We will examine theoretical concepts that make the world of security unique. Also, this course will adopt a practical hands-on approach when examining operating system techniques. Along with examining different security strategies, the course will explore the advancement of security implementation as well as timeless problem-solving strategies.)

Project Management (IT 390) [MG031B] 3.00

(This course enhances the student s ability to function in a project leadership role. While exploring the System development life cycle (SDLC) and project life cycle, students gain experience in budget and timeline management. Project management software is used to design project schedules, using methods such as bar charts, program evaluation and review technique (PERT), and critical path method (CPM) to produce project plans to apply to the solution of case studies.)

Computer Information Systems Electives 24.00

(Note: Ensure that at least 15 semester hours of Upper Level courses are applied in the CIS subjects above or in this section.)
{DANTES Code = 05.XX.XX series}

Information Literacy (INL 102) 1.00

(This online self-paced course provides a broad overview of information literacy concepts. It introduces skills for locating, using, and evaluating all types of resources and includes information on the legal and ethical uses of information. Students take five quizzes to help learn course content, and a Pass/Fail grade will be determined by the final examination.)

Applied Professional Elective Credit / Free Electives 14.00

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

Excess or Duplicate Credit

TOTAL 123.00 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 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 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.

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 \$625, and bachelor's degree enrollment fee is \$845. Graduation/Completion fees are \$235 for the AAS degrees, \$465 for the AS degree (\$245 for the ARNG and USCG), and \$495 for the bachelor's degree (\$275 for

the ARNG and USCG).

Course Tuition is \$205 per semester credit.

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.

A grade of "D" may be accepted in transfer as long as: 1) It is not in English Composition; or 2) the overall GPA in the Depth Group, Focus, or Concentration is 2.0 or better; and 3) The overall GPA of the student for the entire degree exceeds 2.0.

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: 05 June 2007