



Coastal Carolina Community College



Associate in Applied Science in Internet Technologies

STUDENT DATA:

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit Potential Required Credit

Expository Writing (ENG 111) [EN024A]

3.00

(This course is the required first course in a series of two designed to develop the ability to produce clear expository prose. Emphasis is placed on the writing process including audience analysis, topic selection, thesis support and development, editing, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition. College credit by examination may apply.) {DANTES Code = 11.07.00}

Professional Research and Reporting (ENG 114) [EN025A]

3.00

(This course, the second in a series of two, is designed to teach professional communication skills. Emphasis is placed on research, listening, critical reading and thinking, analysis, interpretation, and design used in oral and written presentations. Upon completion, students should be able to work individually and collaboratively to produce well-designed business and professional written and oral presentations. All students must complete a major individual research report acceptable to academic and industry standards, which utilizes MLA style and computer generated graphics. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition. College credit by examination may apply.) {DANTES Code = 11.07.00}

Introduction to Computers (CIS 110) [CS001A]

3.00

(This course provides an introduction to computers and computing. Topics include the impact of computers on society, ethical issues, and hardware/software applications, including spreadsheets, databases, word processors, graphics, the Internet, and operating systems. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems. College credit by examination may apply.) {DANTES Code = 05.02.00}

General Psychology (PSY 150)

3.00

(This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality

theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in social/behavioral sciences. College credit by examination may apply.)
{DANTES Code = 20.09.00}

Mathematical Models (MAT 115) 3.00

(This course develops the ability to utilize mathematical skills and technology to solve problems at a level found in non-mathematics-intensive programs. Topics include applications to percent, ratio and proportion, formulas, statistics, functional notation, linear functions and their groups, probability, sampling techniques, scatter plots, and modeling. Upon completion, students should be able to solve practical problems, reason and communicate with mathematics, and work confidently, collaboratively, and independently. College credit by examination may apply.)

Humanities/Fine Arts Elective 3.00

(College credit by examination may apply. Visit the CCCC website for a description of courses available.)
{DANTES Code = 08.06.00 or most 08.XX.XX series}

Introduction to Programming & Logic (CIS 115) [CS011A] 3.00

(This course introduces computer programming and problem solving in a programming environment, including an introduction to operating systems, text editor, and a language translator. Topics include language syntax, data types, program organization, problem-solving methods, algorithm design, and logic control structures. Upon completion, students should be able to manage files with operating system commands, use top-down algorithm design, and implement algorithmic solutions in a programming language.)
{DANTES Code = 05.03.01 or 05.03.05}

C++ Programming (CSC 134) [CS040A] 3.00

(This course introduces object-oriented computer programming using the C++ programming language. Topics include input/output operations, iteration, arithmetic operations, arrays, pointers, filters, and other related topics. Upon completion, students should be able to design, code, test, and debug C++ language programs.)

Data Communication/Networking (NET 110) [CS017A] 3.00

(This course introduces microcomputer applications related to the major accounting systems. Topics include general ledger, accounts receivable, accounts payable, inventory, payroll, and correcting, adjusting, and closing entries. Upon completion, students should be able to use a computer accounting package to solve accounting problems.)

Introduction to the Internet (CIS 172) [CS055A] 3.00

(This course introduces the various navigational tools and services of the Internet. Topics include using Internet protocols, search engines, file compression/decompression, FTP, e-mail, listservers, and other other related topics. Upon completion, students should be able to use Internet resources, retrieve / decompress files, and use e-mail, FTP, and other internet tools.)

{DANTES Code = 04.04.01}

Introduction to Internet Programming (CSC 160) 3.00

(This course introduces client-side Internet programming using HTML and Javascript. Topics include use of frames and tables, use of meta tags, Javascript techniques for site navigation. Upon completion, students should be able to write HTML documents that incorporate programming to provide web page organization and navigation functions.)

Advanced Internet Programming(CSC 248) 3.00

(This course covers advanced programming skills required to design Internet applications. Emphasis is placed on programming techniques required to support network applications. Upon completion, students should be able to design, code, debug, and document network-based programming solutions to various real-world problems using an appropriate programming language.)

Introduction to Web Graphics (ITN 110) 3.00

(This course is the first of two courses covering the creation of web graphics, addressing problems peculiar to WWW display using appropriate software. Topics include web graphics file types, type conversion, RGB color, the browser-safe palette, elementary special effects, image maps, and other related topics. Upon completion, students should be able to create graphics such as banners, buttons, backgrounds, and other graphics for Web pages.)

Web Site Management (ITN 130) 3.00

(This course covers the issues involved in web site architecture. Topics include operating system directory structures, web site structural design, web site navigation, web site maintenance, backup and security. Upon completion, students should be able to design a web site directory plan optimized for navigation and ease of maintenance.)

Web Development Tools (ITN 140) 3.00

(Visit the CCCC website for a description of this course.)

Internet Protocols (ITN 150) 3.00

(This course introduces the student to the application protocols used on the Internet. Topics include HTTP, Secure HTTP, TCP/IP, and related applications such as FTP, TELNET, and PING. Upon completion, students should be able to use the protocols as they pertain to the Internet, as well as, setup and maintain these protocols.)

Introduction to Internet Database (ITN 170) 3.00

(This is the first of two courses introducing the use of databases to store, retrieve and query data through HTML forms. Topics include database design for Internet databases, use of ODBC-compliant databases. Upon completion, students should be able to create and maintain a database that will collect, query and report on data via an HTML form.)

Active Server Programming (ITN 180) 3.00

(This course introduces Active Server Programming. Topics include Jscript, VBScript, HTML forms processing, and the Active Server Object Model. Upon completion, students should be able to create and maintain Active Server

applications.)

Introduction to E-Commerce (ITN 260) 3.00

(This course introduces the concepts and tools to implement electronic commerce via the Internet. Topics include application and server software selection, securing transactions, use and verification of credit cards, publishing of catalogs, and site administration. Upon completion, students should be able to setup a working e-commerce Internet web site.)

{DANTES Code = 03.99.00}

Internet Security (ITN 240) 3.00

(This course covers security issues related to Internet services. Topics include the operating system and Internet service security mechanisms. Upon completion, students should be able to implement security procedures for operating system level and server level alerts.)

Intranets (ITN 230) [CS072A] 3.00

(This course covers the setting up of Intranets. Topics include selection of server hardware and software, selection of client applications, security, conversion of existing data to Web based formats, Intranet applications and administration. Upon completion, students should be able to setup a corporate or institutional Intranet.)

Advanced Internet Databases (ITN 270) 3.00

(This is the second of two courses on internet databases. Topics include database distribution and replicatio, data warehousing, integration of desktop and Internet database structures. Upon completion, students should be able to design and implement an Internet database.)

Technical Elective [OF034A,CS064A] 3.00

(Choose from the list below:

CIS 120 Spreadsheets

CIS 130 Survey of Operating Systems

Visit the CCCC website for a description of these courses.)

Excess or Duplicate Credit

TOTAL	69.00	0.00
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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.

Coastal Carolina Community College General Information:

Coastal Carolina Community College is Located in Jacksonville, North Carolina, home to Marine Corps Base Camp Lejeune and Marine Corps Air Station, New River, Coastal Carolina Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees, diplomas, and certificates.

Coastal Carolina Community College is an "open door" community college serving the residents of eligible age in Onslow County and surrounding areas. Coastal acknowledges and values cultural, gender, racial and ethnic diversity and is dedicated to providing access to quality educational programs regardless of disability or previous educational attainment within the limits of available resources. The curriculum programs are designed to provide college transfer, technical, and vocational education. The continuing education offerings are designed to provide occupational skill training, basic skills and community service education.

The Continuing Education Division provides courses which upgrade the occupational skills and knowledge of individuals at all levels of labor and management, offers services to small businesses, and provides programs to meet the training needs of new and expanding industries. Programs are also provided to meet literacy needs, basic skill improvement, and high school equivalency certification. Additionally, a broad range of courses is offered enabling individuals to improve home and community life and develop or improve leisure time activities.

DISTANCE LEARNING Coastal Carolina Community College offers opportunities for completion of courses outside the traditional classroom via the Internet, the North Carolina Information Highway and blended courses. Distance Learning Courses meet academic standards established by the North Carolina Community College System and are accepted as part of the graduation requirement for an approved degree, diploma, or certificate. Curriculum credit for distance learning courses is equivalent in credit hours to on-campus sections of the same courses listed in the college catalog. Students who are most successful in distance learning courses are

self-motivated and enjoy independent study.

One of the primary advantages of their Internet workshops is that you can "attend class" in the comfort and convenience of your own home and office. All you have to do is log into your online classroom when you are good and ready to read your lessons, complete your quizzes and assignments, or communicate with your instructor and fellow students. Their Internet courses fit into your schedule: you can take them before breakfast, during lunch, late at night, or at any other time you find convenient--the choice is yours. If you start to fall behind, they are more than willing to grant you an automatic ten-day extension at the end of the course. You are not required to attach a reason to your extension request, but they can grant no more than one extension per course. You will be given instructions on how to request an extension when your course begins.

Tuition for students is: \$33.50 per credit hour for in-state tuition, and \$197 per credit hour for out-of-state tuition. (subject to change)

For more information regarding the AAS Internet Technologies degree, please contact:

Colette Brooks
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<http://www.coastalcarolina.edu>

POLICY NOTES:

- No more than 30 semester hours of college credit-by-examination may apply to this degree.
- No more than 44 semester hours of non-traditional credit from all sources may apply to this degree.
- At least 18 semester hours of this degree must be taken through CCCC.

Evaluation completed by: Charles Morrison

On: 14 November 2008