Coastal Carolina Community College

Associate in Applied Science in Info Systems Network Administration & Support

		Credit Potential
STUDENT DATA:		Credit Potential
NAME: ROADMAP'S DEGREE	SSN: 000-00-0000	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}

Interpersonal Communication (COM 120) [CM003A]   3.00

(This course introduces the practices and principles of interpersonal communication in both dyadic and group settings. Emphasis is placed on the communication process, perception, listening, self-disclosure, speech apprehension, ethics, nonverbal communication, conflict, power, and dysfunctional communication relationships. Upon completion, students should be able to demonstrate interpersonal communication skills, apply basic principles of group discussion, and manage conflict in interpersonal communication situations. This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in speech/communication. College credit by examination may apply.)
{DANTES Code = 04.10.05}

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}

Survey of Mathematics (MAT 140)   **3.00**

(This course provides an introduction in a non-technical setting to
selected topics in mathematics. Topics may include, but are not limited to,
sets, logic, probability, statistics, matrices, mathematical systems,
geometry, topology, mathematics of finance, and modeling. Upon completion,
students should be able to understand a variety of mathematical
applications, think logically, and be able to work collaboratively and
independently. This course has been approved to satisfy the Comprehensive
Articulation Agreement general education core requirement in natural
sciences/mathematics. College credit by examination may apply.)
{DANTES Code = 14.02.00}

Survey of Mathematics Lab (MAT 140A)   **1.00**

(This course is a laboratory for MAT 140. Emphasis is placed on experiences
that enhance the materials presented in the class. Upon completion,
students should be able to solve problems, apply critical thinking, work in
teams, and communicate effectively.)
{DANTES Code = 14.02.00}

Principles Of Accounting I (ACC 120)   **4.00**

(This course introduces the basic principles and procedures of accounting.
Emphasis is placed on collecting, summarizing, analyzing, and reporting
financial information. Upon completion, students should be able to analyze
data and prepare journal entries and reports as they relate to the
accounting cycle. This course is intended for those who have not received
credit for ACC 115. College credit by examination may apply.)
{DANTES Code = 03.01.00}

Interpersonal Psychology (PSY 118) [PS99SA]   **3.00**

(This course introduces the basic principles of psychology as they relate
to personal and professional development. Emphasis is placed on personality
traits, communication/leadership styles, effective problem solving, and
cultural diversity as they apply to personal and work environments. Upon
completion, students should be able to demonstrate an understanding of
these principles of psychology as they apply to personal and professional
development.)
{DANTES Code = see 20.09.XX series}

Survey of Operating Systems (CIS 130) [CS002A]   **3.00**

(The course covers operating system concepts which are necessary for
maintaining and using computer systems. Topics include disk, file, and
directory structures; installation and setup; resource allocation,

optimization, and configuration; system security; and other related topics.
Upon completion, students should be able to install and configure operating
systems and optimize performance.)

Introduction to Programming & Logic (CIS 115)   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}

Database Concepts and Applications (CIS 152) [CS067A]   3.00
(This course introduces database design and creation using a DBMS product.
Topics include database terminology, usage in industry, design theory,
types of DBMS models, and creation of simple tables, queries, reports, and
forms. Upon completion, students should be able to create simple database
tables, queries, reports, and forms which follow acceptable design
practices.)

Visual BASIC Programming (CSC 139) [CS044A]   3.00
(This course introduces event-driven computer programming using the Visual
BASIC programming language. Topics include input/output operations,
sequence, selection, iteration, arithmetic operations, arrays, forms,
sequential files, and other related topics. Upon completion, students
should be able to design, code, test, and debug Visual BASIC 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.)

Network Installation/Administration I (NET 120) [CS072A]   3.00
(This course covers the installation and administration of network hardware
and system software. Topics include network topologies, various network
operating systems, server and workstation installation and configuration,
printer services, and connectivity options. Upon completion, students
should be able to perform basic installation and administration of
departmental networks.)

Operating Systems - Single User (CIS 145) [CS064A]   3.00
(This course introduces operating systems concepts for single-user systems.
Topics include hardware management, file and memory management, system
configuration/optimization, and utilities. Upon completion, students should
be able to perform operating system functions at the support level in a
single-user environment.)

Microcomputer Systems Analysis (CIS 227) [CS46SA]   3.00

(This course covers use of a systems approach to planning and implementing
business information systems in a microcomputer environment. Emphasis is
placed on end-user applications, rather than centralized MIS, and
development of strong analytical skills. Upon completion, students should
be able to apply analytical and problem-solving skills to resolve typical
microcomputer systems planning and implementation issues.)

Hardware Installation/Maintenance (CIS 215)   3.00

(This course covers the basic hardware of a personal computer, including
operations and interactions with software. Topics include component
identification, the memory system, peripheral installation and
configuration, preventative maintenance, and diagnostics and repair. Upon
completion, students should be able to select appropriate computer
equipment, upgrade and maintain existing equipment, and troubleshoot and
repair non-functioning personal computers.)

Network System Manager I (CIS 174) [CS072A]   3.00

(This course covers effective network management. Topics include network
file system design and security, login scripts and user menus, printing
services, e-mail, and backup. Upon completion, students should be able to
administer an office network system.)

Network Management I (CIS 175) [CS072A]   3.00

(This course covers fundamental network administration and system
management. Topics include accessing and configuring basic network
services, managing directory services, and using network management
software. Upon completion, students should be able to apply system
administrator skills in developing a network management strategy.)

Network Installation/Administration II (NET 220) [CS072A]   3.00

(This course covers advanced network installation and administration
concepts and procedures. Topics include basic network troubleshooting
techniques, advanced print services, traffic management, security, backup,
multiple protocol support, server configuration options, fault tolerance,
and inter-network options. Upon completion, students should be able to
demonstrate understanding of advanced management of departmental networks.)

Trends in Technology (CIS 226)   2.00

(This course introduces emerging information systems technologies. Emphasis
is placed on evolving technologies and trends in business and industry.
Upon completion, students should be able to articulate an understanding of
the current trends and issues in emerging technologies for information
systems.)

Network System Manager II (CIS 274) [CS072A]   3.00

(This course is a continuation of CIS 174 focusing on advanced network
management, configuration, and installation. Emphasis is placed on server
configuration files, startup procedures, server protocol support, memory
and performance concepts, and management and maintenance. Upon completion,
students hould be able to install and upgrade networks and servers for
optimal performance.)

Network Management II (CIS 275) [CS072A]   3.00

(This course is a continuation of CIS 175 focusing on advanced enterprise
networks. Topics include directory service tree planning, management
distribution and protection, improving network security, auditing the
network, printing, networking, and system administration of an Internet
node. Upon completion, students should be able to manage client services
and network features and optimize network performance.)

Network Technology (CIS 282) [CS017A]   3.00

(This course examines concepts of network architecture. Topics include
various network types, topologies, transmission methods, media and access
control, the OSI model, and the protocols which operate at each level of
the model. upon completion, students should be able to design a network
based on the requirements of a company.)

Network Support (CIS 287)   3.00

(This course provides experience using CD ROM and on-line research tools
and hands-on experience for advanced hardware support and troubleshooting.
Emphasis is placed on troubleshooting network adapter cards and cabling,
network storage devices, the DOS workstation, and network printing. Upon
completion, students should be able to analyze, diagnose, research, and fix
network hardware problems.)

Technical Elective   3.00

(Choose from the courses listed below:

CIS 172 Introduction to Internet
CSC 148 Java Programming
ITN 140 Web Development Tools
NET 125 Routing and Switching
NET 126 Routing and Switching II
NET 220 Network Install Admin
NET 226 Advanced Switching and Routing I
NET 227 Advanced Switching and Routing I

College credit by examination may apply. Visit the CCCC website for a
description of these courses.)
{DANTES Code = 04.04.01}

Excess or Duplicate Credit

TOTAL 76.00   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.

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 Information Systems Network Administration
and Support degree, please contact:

Colette Brooks
Curriculum Coordinator
Coastal Carolina Community College
444 Western Boulevard
Jacksonville, NC 28546-6899
(910) 451 - 2391 (910) 451 - 0171
E-mail: brooksc.coastal.cc.nc.us
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 taekn through CCCC.

Evaluation completed by: Charles Morrison   On: 05 June 2007