Averett University

Bachelor of Science in Computer Information Systems

STUDENT DATA:
NAME: ROADMAP'S DEGREE   **SSN:** 000-00-0000

	Credit Required	Potential Credit

Introduction to Writing and Research (ENG 111) [EN024B]   3.00

(A review of usage, punctuation, and paragraph development. Emphasis on effective written communication, especially in short (1-3 page) essays. Includes some critical study of prose fiction. Frequent in-class and out-of-class writing practice. Instruction in use of library for research and in various stages of assembling research material. Required of freshmen. Prerequisite: ENG 100 or placement test score. College credit by examination may apply.)
{DANTES Code = 11.07.00}

Introduction to Literature (ENG 112) [EN026B]   3.00

(The reading of fiction, poetry, and drama, both classic and contemporary. Emphasis on genre study, literary terminology, and critical analysis. Includes further practice in use of research materials and preparation of a term paper on a literary topic. Prerequisite: ENG 111.)
{DANTES Code = 11.21.00}

Advanced Literature Electives   3.00

Must be at the 200 level or above. Visit the AU website for a listing for courses and their descriptions.

Fine Arts Electives   6.00

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

History of Western Civilization I (HIST 101)   3.00

A survey of world history from the earliest times to 1715, emphasizing western civilization and the relevance of the past to contemporary life.

History of Western Civilization II (HIST 102)   3.00

A survey of world history from 1715 to the present, emphasizing western civilization and the relevance of the past to contemporary life.

Social Science Electives   9.00

Must be from 2 or more of the following fields: ECO, GEO, HIS, POS, PSY, or SOC.
(College credit by examination may apply. Visit the AU website for a description of courses available.)

{DANTES Code = most 20.09.XX or 20.10.XX series or 20.XX.XX series}

Introduction to Old or New Testament Literature (REL 101,102)   3.00

The application of critical methodology to the history, literature, and religion of the ancient Hebrews. Attention is given to the historical context, the development, and the message of the Hebrew faith. This course satisfies 3 hours of the Religion and Philosophy requirement for General Education. OR

The application of critical methodology to the biblical text to discover the basic meaning and message of the New Testament. Attention is given to the secular and religious history of the period as well as to the life and teachings of Jesus, the letters of Paul, and the origins of the Christian Church. This course satisfies 3 hours of the Religion and Philosophy requirement for General Education.

Religion/Philosophy Electives   3.00

(College credit by examination may apply. Visit the AU website for a description of courses available.)
{DANTES Code = 17.03.00 or 17.13.00}

Freshman Topics (IDS 101)   2.00

Freshman only.

Students will use information gained from this course to refine their skills as they make academic and social adjustments to college life. The course is taught by professors from various disciplines and is a requirement of all freshmen entering Averett University.

Applied Calculus (MTH 171) or Calculus I (MTH 201)   3.00

A study of the basic principles of calculus and their applications. Designed especially for the student desiring a one semester exposure to the fundamental concepts of calculus. Topics include limits, continuity, differentiation of algebraic, logarithmic, and exponential functions. The TI-89 graphing calculator is required. Prerequisite: MTH 103.

A study of differential calculus of the elementary functions with associated analytical geometry. The TI-89 graphing calculator is required. Prerequisite: MTH 104 or placement.

Natural Science Elective   8.00

(College credit by examination may apply. Visit the AU website for a description of courses available.)
{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series}

Microcomputers & Application Software (CCS 113)   3.00

An introduction to computers and software application packages. Topics include hardware, DOS, windows, an introduction to the Internet, word processors, spreadsheets, databases, and presentations. No previous computer experience required.

Web Authoring & Office Applications (CSS 114)   **3.00**

Intermediate and advanced topics in office application software and
authoring for the web. Topics include HTML, Java Script, style sheets,
macros, user interface issues in databases, and linking databases with web
pages. Prerequisite: CSS 113.

Introduction to Statistics (CSS 203)   **3.00**

A first course in statistics. Topics include permutations, combinations,
distributions, (binomial, normal, Student's t, chi-square, and F),
sampling, hypothesis testing, significance levels, confidence intervals,
regression and correlation. Does not count toward minor in Computer
Science. Prerequisite: MTH 103 or equivalent.

Introduction to Programming I (CSS 211)   **4.00**

A first course in programming. In addition to coding, debugging, and
designing programs, topics include fundamentals of object-oriented design,
design of user interfaces, loops, branching, static lists, sorting and
searching, data types, and creating data files. Prerequisites or
corequisites: MTH 103 or equivalent; CSS 113 or equivalent.

Introduction to Programming II (CSS 212)   **4.00**

A continuation of CSS 211 emphasizing advanced programming techniques and
theory. Topics include graphics, sorting, accessing database files, object
linking and embedding, dynamic link libraries, and dynamic lists.
Prerequisite: CSS 211.

Networks and Internets (CSS 372)   **3.00**

A study of physical and logical aspects of local and wide area networks.
Topics include the OSI model, network topologies, communication protocols,
media, hardware, and issues of network administration. Prerequisites: CSS
212 or equivalent. Alternate years.

Topics in Operating Systems (CSS 271)   **3.00**

Installation, use, and structure of modern operating systems. Operating
systems covered include operating systems in the Windows and UNIX families.
Topics include kernel structure, driver structure, command line interfaces,
memory management, file systems, and virtual machines. Prerequisites: CSS
211 or higher.

System Administration (CSS 351)   **3.00**

Maintenance, setup, and troubleshooting issues for servers and networks.
Server operating systems will include Windows and UNIX families. Topics
include file services, web services, print services, database services, and
client setup. Prerequisite: CSS 211 or higher.

Principles of Databases (CSS 375)   **3.00**

A study of the design of databases, focusing on relational database design.
Topics include data modeling, normalization, queries, SQL syntax,
constraints, security and recovery, and large-scale databases.
Hierarchical, Network, and Object-Oriented designs are also introduced.
Prerequisite: CSS 113 or 211.

Computer Electives   **3.00**

Must be at the 200 level or above. Visit the AU website for a listing and
description of courses.

Principles of Accounting I (BSA 221)   **3.00**

A study of basic accounting theories and procedures for dealing with
activities of sole proprietorships, partnerships, and corporations.
Continued in BSA222.

Principles of Management (BSA 305)   **3.00**

An introduction to the art and science of management and managerial
functions. The subject of management is approached from a multidimensional
viewpoint in relation to the concepts, principles, policies, and practices
necessary to accomplish managerial tasks. The theory of management, the
application of theory to managerial situations, and the basic
classification theory of the principles of management are emphasized.
Prerequisite: BSA 206 and 221 and ENG 112.

Quantitative Decision Making (BSA 402)   **3.00**

An analysis of problems, quantification of data, and presentation of
results, using the more advanced quantitative techniques for decision
making. Included are quantitative model building, linear programming, game
theory, and simulation. Prerequisites: CSS 203 and ECO 201.

Business Law (BSA 434)   **3.00**

A study of the fundamentals of legal applications in the framework of
business, laws of contracts, negotiable instruments, property, agency, and
bankruptcy.

Free Electives   **30.00**

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

Excess 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.

Averett University General Information:

Averett University, located in Danville, Virginia, was first chartered in 1859 under
the name of Union Female College; the college was renamed Averett in 1917. In 1969,
Averett moved from its initial mission as a Junior College to a four-year
co-educational institution offering a baccalaureate degree program. Their first
master's degree program was introduced in 1978 with the full approval of the State
Council of Higher Education of Virginia. In 1992, Averett became a member of ACBSP
(Association of Collegiate Business Schools and Programs).

For over 145 years of continuous operation, Averett's history has been marked by
sound principles and practices, success and progress.

At Averett, it's about students and making students' dreams come true. Whether you
are graduating from high school or are an adult desiring career advancement, Averett
University offers more than 35 undergraduate programs and three master's degree
options to help you fulfill your dreams. A low student-faculty ratio allows the
programs to provide quality education. Classes average 15 students.

Averett University studies are founded upon the understanding that learning is a
lifelong process, which is not confined to a traditional campus environment. We
recognize that the adult learner differs greatly from the "traditional" college
student. It has been Averett's experience that the adult brings a wealth of
knowledge and experience to the classroom and can be fully expected to share
responsibility with the instructor for successful outcomes. This adult curriculum
provides valuable educational experiences to working adults whose access to higher
education may be otherwise restricted or non-existent.

Averett University is accredited by the Commission on Colleges of the Southern
Association of Colleges and Schools, 1866 Southern Lane, Decatur, GA 30033-4097,
telephone 404-679-5401, to award associate, baccalaureate, and master's degrees.
Averett also has membership in the Association of Collegiate Business Schools and
Programs (ACBSP).

Tuition for students is: $305 per credit hour for independent study courses. After
military scholarship $250 per credit hour. Members of the Virginia National Guard
(Army and Air) are eligible for National Guard State Tuition Assistance if attending
Averett University.

For more information regarding the Bachelor of Science Sociology: Criminal Justice 2+2 degree, please contact:

Susan Rowland
Director, IDEAL Program
Averett University
420 West Main Street
Danville, VA 24541
(434) 791-4949
E-mail: srowland@averett.edu
http://www.averett.edu

POLICY NOTES:

Admissions Requirements
.   Proof of high school graduation or GED of 250 and a 2.0 grade point average on any previous college work (Any GPA below 2.0 on a 4.0 grading scale will be reviewed on a case-by-case basis by an undergraduate review committee.)
. Transcripts from all regionally accredited institutions attended.
.   A student may be exempt from submitting a high school transcript if he/she has twelve (12) or more transfer credits from a regionally accredited college or university.
.   One letter of recommendation from persons qualified to judge the applicant's professional capabilities, character and capacity to complete undergraduate study.
.   Submission of a resume.
.   Students who enroll in all GPS programs must have access to a computer with word processing, a graphical presentations software, spreadsheet capabilities and email internet connectivity for academic use.

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