



## Duquesne University



### Bachelor of Science in Computer Technology and Professional Communication

#### STUDENT DATA:

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit Required	Potential Credit
-----------------	------------------

#### Thinking & Writing Across the Curriculum (CORE 101)

3.00

(Practice in analysis and expression in many disciplines, as preparation for other work in later courses throughout the University. College credit by examination may apply.)

{DANTES Code = 11.07.00}

#### Imaginative Literature and Critical Writing (CORE 102)

3.00

(A college-level introduction to imaginative literature and to a variety of critical techniques for interpreting imaginative literature. College credit by examination may apply.)

{DANTES Code = 11.07.00}

#### Calculus with Algebra I (MATH 100)

3.00

(This course covers factoring, radical expressions, equations, inequalities, functions and their graphs, exponential and logarithmic functions, systems of equations and inequalities. College credit by examination may apply.)

{DANTES Code = 14.04.00 or 14.04.01}

#### Fundamentals of Statistics (MATH 100)

3.00

(An introduction to descriptive and inferential statistics including random variables, probability and sampling distributions, and hypothesis testing. College credit by examination may apply.)

{DANTES Code = 14.09.00 or 14.09.06}

#### Shaping of Modern World (CORE 151)

3.00

(An understanding of change through time is essential to the comprehension of the world in which we live. This course integrates the 20th century experience of the United States with that of Europe, Asia, Latin America and Africa as it examines the forces which have produced the great changes of our century. College credit by examination may apply.)

{DANTES Code see 20.XX.XX series}

#### Survey of Sociology (SOC 101)

3.00

(An introduction to the basic concepts, processes, and institutions which are the subject matter of sociology as an academic discipline. College credit by examination may apply.)

{DANTES Code = 20.10.00}

<b>Biology (CORE 171) or other Natural Science Elective</b>	<b>3.00</b>
(An introduction to descriptive and inferential statistics including random variables, probability Evolution, inheritance, and the interrelation of energy, life, and the physical environment provide the unifying themes of this course. Each of these is examined from multiple levels of organization-from the molecular to the biosphere - demonstrating the diversity of life within which the commonality of life is found. Issues to be considered include those critical to effective citizenship in our changing world such as disease, reproduction, genetics, genetic engineering, and ecology. This is a lecture only course. College credit by examination may apply.)	
{DANTES Code = 16.03.00}	
<b>Art History (ARTHY 202)</b>	<b>3.00</b>
(Surveys Renaissance, Baroque, and Modern art in Western Europe. College credit by examination may apply.)	
{DANTES Code = 08.02.00}	
<b>Basic Philosophical Questions (CORE 132)</b>	<b>3.00</b>
(Philosophy, literally the "love of wisdom," is a discipline for discussing basic questions about ourselves and our world. In this course, in and cultural dimensions of these traditions. works written by major figures chosen from the history of philosophy, students are encouraged to think philosophically for themselves and to formulate their own answers to perennial philosophical questions. College credit by examination may apply.)	
{DANTES Code = 17.12.00 or 17.07.00}	
<b>Theology (CORE 182 or 187)</b>	<b>3.00</b>
(The Core Theology courses expose students to the major religious traditions of humankind. The courses examine the moral, intellectual, and cultural dimensions of these traditions. One Theology course required. College credit by examination may apply.)	
<b>Adult Transition Seminar (CEPRG 101)</b>	<b>3.00</b>
(This course introduces the adult student to the college environment while sharpening and enhancing the skills necessary for academic success. Selected readings from many disciplines will be followed by a variety of writing assignments. Other exercises will be included which will focus on developing skills in writing, reasoning, and critical thinking.	
<b>Microeconomics (CEPRO 231)</b>	<b>3.00</b>
(An analysis of prices, output, and income distribution through the interaction of households and business firms in a free enterprise economy. Government intervention and alternative systems are examined. College credit by examination may apply.)	
{DANTES Code = 20.05.00}	
<b>Macroeconomics (CEPRO 232)</b>	<b>3.00</b>
(The theory of the determination of national income, unemployment, and inflation and its implications for public policy. College credit by examination may apply.)	

{DANTES Code = 20.05.00}

**Computer Applications for the Professionals I (CEPRO 191) 3.00**

(These courses will introduce the student to the major software packages used in profit and nonprofit organizations. These will include the Microsoft Office Suite in a Windows environment. Students will have projects in all of these packages to build competence in their use and to build the understanding of their power in providing essential information to the manager. College credit by examination may apply.)

**Computer Applications for the Professionals II (CEPRO 192) 3.00**

(These courses will introduce the student to the major software packages used in profit and nonprofit organizations. These will include the Microsoft Office Suite in a Windows environment. Students will have projects in all of these packages to build competence in their use and to build the understanding of their power in providing essential information to the manager. College credit by examination may apply.)

**Accounting for Professionals I (CERPO 201) 3.00**

(An introduction to the basic vocabulary of accounting and to financial statement analysis. These courses will emphasize the understanding of financial information for effective organizational leadership. College credit by examination may apply.)

{DANTES Code = 03.01.00}

**Accounting for Professionals II (CERPO 202) 3.00**

(An introduction to the basic vocabulary of accounting and to financial statement analysis. These courses will emphasize the understanding of financial information for effective organizational leadership. College credit by examination may apply.)

{DANTES Code = 03.01.07}

**Structure of the Legal Environment (CEPRO 261W) 3.00**

(An examination of the legal and regulatory environment in which organizations must function. Special attention will be given to ethical considerations and social and political influences as they affect such organizations. College credit by examination may apply.)

{DANTES Code = 12.01.00}

**Understanding the Marketplace & Competition (CEPRO 350) 3.00**

(This course will explore basic concepts, principles and activities involved in modern marketing: planning, analyzing market opportunities, selecting target markets, developing the marketing mix, and managing the marketing effort. College credit by examination may apply.)

{DANTES Code = 03.11.00}

**Human Communication and Society (201) 3.00**

(This course examines how human beings communicate beliefs. As an introduction to communication and persuasion, the course asks three basic questions: How do we come to believe what we do? How do we maintain our beliefs? How can we be persuaded to change them? Answers vary depending upon the perspective taken. The course will investigate the psychological, physiological, sociological, rational, and religious perspectives for their

insights into interpersonal and organizational persuasion, brainwashing, hypnosis, advertising, propaganda, mass movements, revolutions, and cults.)  
{DANTES Code = 04.10.00}

**Mass Communication and Society (210) 3.00**

(Provides an introduction to the history, economics, politics, regulation, and social impact of the mass media-with special emphasis on television.)

**Writing for Business and Industry (383W) 3.00**

(Workshop designed to develop writing skills as they relate to business and industry.)

{DANTES Code = 03.10.12}

**Communication Management (427) 3.00**

(Introduces the student to the principles of management within a communication context. Planning, budgeting, financing, organizing, actuating, and controlling are discussed. The course contributes to the formulation and execution of effective communication policies for all types of institutions.)

**Interpersonal Communication (454W) 3.00**

(Studies communication between individuals in the context of relations such as friendship, marriage, work, etc. Topics may include phases of relationship development, disclosure, symmetry and asymmetry in relationships, etc.)

{DANTES Code = 04.10.05}

**Communication Ethics (494) 3.00**

(Analyzes ethical issues in print and broadcast news reporting, public relations, advertising, organizational and interpersonal communication. Issues will be examined in light of historic and current practice, as well as traditional and modern rhetorical theory.)

{DANTES Code = 17.05.00}

**Information Technologies for Modern Organizations (300) 3.00**

(Acquaints the student with the computer hardware and software resources required to function effectively in today's organizations. Students will also receive hands-on practice with software applications useful for organizational leadership. They will also examine the impact of the information highway on organizational operations.)

**Databases as Productivity Tools for the Competitive Edge (410 ) 3.00**

(Explores the capabilities and basic architecture of a database and its role as an instrument of competitive advantage. The ability to operate and use a computer in the tasks of creation, retrieval and maintenance of data files will be covered. Through the use of hands-on tasks, case studies, and projects, students will apply the theories discussed to practical applications. Current microcomputer relational databases will be reviewed, and direct experience with one will be obtained (Microsoft Access). In addition, the ability to extract and organize data to better understand operational trends will be discussed.)

{DANTES Code = 05.03.00}

<b>Electronic Communications and Cyberspace for the Leader (425)</b>	<b>3.00</b>
<p>(Introduces the world of electronic communications in a globally networked age. The student will be exposed to the vast array of online information resources available through the Internet. Additionally, the ability to communicate electronically in various mediums (text, sound, images) will be discussed. The areas covered will include the use of electronic communications in the developing arena of electronic data interchange and commerce, virtual private networks, intranets, and remote access to data. Students will have the opportunity to work with software tools used in navigating the Internet. The use of electronic communications, such as: security, privacy, backup, redundancy, and future trends will also be discussed.)</p> <p>{DANTES Code = 04.04.01}</p>	
<b>Network Operating Systems (450)</b>	<b>3.00</b>
<p>(Examines the workings of network operating systems (NOS) and examines the various services provided by an NOS including file services, application services, mail and messaging, distributed authentication and database functions. The major emphasis will be on the Windows NT and Unix operating systems, although Novell Network NDS and OS/2 will be discussed as well. Students completing this course should be able to evaluate various network operating systems in specific application contexts and provide justifications for the sizing and selection of a particular NOS including budgeting for capital and operating expenses.)</p>	
<b>Multimedia Technology (470)</b>	<b>3.00</b>
<p>(Provides an overview of multimedia technology and its uses. Graphical User Interfaces, multimedia computer selections, scanners, sound digitizing, video and still cameras, CDRoms, multimedia and networking, multimedia and distance learning, digital video, graphics, sound and animation are examined. Students will create home pages on the World Wide Web as a means of integrating course concepts.)</p>	
<b>Leadership Trends in Information Technology (495)</b>	<b>3.00</b>
<p>(Integrates the knowledge and abilities acquired within the entire program to allow the student to develop strategic decisions in the application of information technology. This capstone course will investigate the use and application of technology into the business entity. Through case studies and best practice examples, students will analyze the synergism and advantages to be gained from successful implementations of technology. Current trends within the information technology industry and their relation to business success will be discussed. Students will produce a comprehensive case analysis to demonstrate understanding and proficiency in the area of strategic application of information technologies.)</p>	
<b>Free Electives</b>	<b>27.00</b>
<p>(College credit by examination may apply. Visit the DU website for a description of courses available.)</p>	

**Excess or Duplicate Credit**

<b>TOTAL .....</b>	<b>120.00</b>	<b>0.00</b>
--------------------	---------------	-------------

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](http://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](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.

## Duquesne University General Information

Founded in 1878, Duquesne University offers undergraduate, graduate and doctoral degrees. Duquesne was recently listed among the top ten of Princeton Review's 25 Most Connected Campuses. Duquesne is rated as one of the nation's best in U.S. News and World Report's 2005 "America's Best Colleges" issue.

One of ten schools at Duquesne, the mission of the School of Leadership and Professional Advancement (SLPA) is to enhance people's lives and contribute to Society through the delivery of quality educational programs that extend the resources, traditions and values of the University.

The SLPA is the recipient of numerous national awards including the Distinguished Credit Program and Creative Use of Technology awards from the Association for Continuing Higher Education.

Duquesne University is a Premium Member of the Sloan Consortium, whose Catalog of Online Educational Programs focuses on five pillars of quality in online education: student satisfaction, access, learning effectiveness, faculty satisfaction and institutional cost effectiveness. Duquesne University's School of Leadership and Professional Advancement is also a member of the Online University Consortium,

comprised of a number of highest-quality education, accredited, recognized education providers.

In a recent adult student priorities survey administered by Noel Levitz, an outside research firm, Duquesne University's School of Leadership and Professional (SLPA) students ranked their satisfaction with SLPA higher than the national average in every category! Categories included academic services, academic advising, service excellence, and instructional effectiveness.

The average cost for undergraduate courses are \$494 per credit hour\* (subject to change). Standardized exams such as GRE or GMAT are not required for application.

\*Attention Military Servicemembers: SLPA programs are recognized by DANTES, SOC and ConAp. Special military tuition rates are available (\$250 per graduate credit). POC is Mary Jane Snyder.

Online undergraduate courses are taught by the same industry and academic leaders as Duquesne's campus program. In addition, Duquesne's bachelor's degree courses include teaching assistants, a unique feature to support students in their coursework. Courses are highly interactive but students do not need to "log in" at any specific times of day. Students can earn their degree in four years, less time with transfer credits and/or credit for military and/or professional experience.

For more information regarding accelerated bachelor's degree opportunities, please contact:

School of Leadership and Professional Advancement  
Duquesne University  
600 Forbes Avenue  
Pittsburgh PA 15282  
ph: 1.800.283.3853 fax: 412.396.5072  
email: leadership@duq.edu  
www.leadership.duq.edu

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: 07 June 2007