



Bellevue University



**Bachelor of Science in Internet Systems and Software Technology**

**STUDENT DATA:**

**NAME:** ROADMAP'S DEGREE

**SSN:** 000-00-0000

**Credit Potential  
Required Credit**

**Composition I (EN 101)**

**3.00**

(College credit by examination may apply. Principles of written communication and practice in writing, with emphasis on paragraph construction and the essay form.)

{DANTES Code = 11.07.00}

**Composition II (EN 102)**

**3.00**

(College credit by examination may apply. Application of writing techniques and strategies; includes library research and the documented research paper. Prerequisite: EN 101.)

{DANTES Code = 11.07.00}

**Fundamentals of Speech Communication or Oral Communication Skills**

**3.00**

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

{DANTES Code = 04.10.00}

**Human Behavior Electives**

**6.00**

(Choose from course areas listed below:

Anthropology - any course/s

Psychology - any course/s

Sociology - any course/s

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

**Human Civilization Electives**

**6.00**

(Choose from course areas listed below:

Archeology - any course/s

Culture - any course/s

Geography - any course/s

History - any course/s

International Studies - any course/s

Political Science - any course/s

Women's Studies - any course/s

College credit by examination may apply. Visit the BU website for a

description of courses available.)  
 {DANTES Code see 20.XX.XX series}

**Human Expression**

6.00

(Choose from course areas listed below:

American Sign Language - any course/s  
 Art - any course/s  
 Art History - any course/s  
 Communication - any course/s 200 level or higher  
 Computer Graphics - any course/s  
 Drama - any course/s  
 Foreign Languages - any course/s  
 Humanities - any course/s  
 Literature - any course/s  
 Music - any course/s

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

**Human Thought**

3.00

(Choose from course areas listed below:

Economics - any course/s  
 Philosophy - any course/s  
 Religion - any course/s

College credit by examination may apply. Visit the BU website for a  
 description of courses available.)  
 {DANTES Code = 20.05.00 or 17.12.00 or 17.07.00}

**Science Elective**

3.00

(Visit the BU website for a description of courses available.)  
 {DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series}

**Intermediate Algebra (MA 101) or higher**

3.00

(Excludes MA 140 Business Math. College credit by examination may apply.  
 Visit the BU website for a description of these courses.)  
 {DANTES Code = 14.01.04}

**Web Design & Multimedia-HTML & Dynamic Web Pages, Web Prog (ISST 235, ISST 236)**

6.00

(This is an interdisciplinary class that allows students to combine  
 computer, business, and creative skills for Web Site design using  
 multimedia techniques. Students will learn the basics of creating, posting,  
 and maintaining Internet web pages. Multimedia software, web authoring  
 software, scripting techniques, and Human-Computer Interface design  
 guidelines will be emphasized. Students will learn to critically evaluate  
 web pages and web sites for technological, business, and artistic merit.  
 Legal and ethical issues will be explored to enable the student to gain a  
 perspective for recent developments in copyright and intellectual property  
 rights.)

**Operating Sys-UNIX, Current Windows Server Operating Sys (ISST 265, ISST 266) 6.00**

(This class is designed to provide a practical study of operating systems using the latest Microsoft and UNIX tools and technologies. Students will install, configure, and study the operation of Microsoft and UNIX operating systems. Actual and practical application of operating systems in the work environment will be a significant feature of the class. Logging in and logging out, file system navigation, redirection, permissions, I/O devices, encryption, backup and restore, remote administration, and user commands will be covered. Where possible, this class follows the Microsoft Official Curriculum available from the Microsoft Training and Certification website - [www.microsoft.com](http://www.microsoft.com).)

{DANTES Code = 05.02.06}

**Prog & Scripting-Java, Perl, ASP, PHP Scripting (ISST 336, ISST 337) 6.00**

(An introduction to the programming techniques needed to interact with corporate clients on the World Wide Web. Included are techniques for establishing privacy, collecting, recording, and distributing database information, and making interactive web pages. Java, Open Data Base Connectivity (ODBC), Practical Extraction and Reporting Language (PERL) scripts, JavaScript, Common Gateway Interfaces (CGI) and the Secure Socket Layer (SSL) will be covered. Example client applications that include graphics and user input will be developed.)

**Networking - Internetworking, Network Security (ISST 366, ISST 367) 6.00**

(This class provides students with the knowledge and skills necessary to design small, medium, and enterprise networks using Microsoft technologies. Students will examine business telecommunications through the study of telecommunications networks and their management. Major topics include fundamental communications concepts, network design and configuration, network security, encryption, intranets, extranets, the Internet, hardware and software standards, and distributing and sharing network resources. Where possible, instruction will follow the Microsoft Official Curriculum available from the Microsoft Training and Certification website - [www.microsoft.com](http://www.microsoft.com).)

**Analysis & Design - Database Design, Sys Analysis & Design (ISST 437, ISST 438) 6.00**

(A project based class which focuses on the use of tools and methodologies applied to structured system and database analysis and design. Emphasis is placed on traditional approach including enterprise analysis, workflow analysis, data flow analysis, system flow chart, entity relationship diagramming, relational model analysis, and hierarchical and network models. Students will complete a feasibility analysis, risk analysis, database design specification, system design specification, and a project implementation plan for a simulated business system.)

{DANTES Code = 05.03.02}

**Business Issues - IT Project Management, IT Accounting (ISST 467, ISST 468) 6.00**

(This class is designed to provide an introduction to business issues associated with Information Technology. Includes an introduction to financial management principles as they apply to IT issues, including

budgeting, costing, control, and performance evaluation. The class also provides the student with an understanding of the problem inherent in managing integration, scope, time, cost, quality, human resources, communication, risk and procurement. Team-based and discovery-based learning methods are stressed. Development project will reflect actual problems provided by industry.)

**American Vision and Values (LA 400) 3.00**

(Examination of the reasons that America has become a model of success and the subject of emulation by emerging nations: its record of social progress, its economic success, and its belief in the worth of the individual. Prerequisite: Junior or Senior status. College credit by examination may apply.)

{DANTES Code = 20.10.09}

**Tradition and Change (LA 410) 3.00**

(Examination of the factors involved in the dynamic endurance of the Western social and philosophical tradition. Analysis of this tradition includes a consideration of how change can contribute to its continued vitality and future productivity. Prerequisite: Junior or Senior status.)

**Freedom and Responsibility (LA 420) 3.00**

(Examination of the meaning and reasoned defenses of freedom in Western history, and an inquiry into the rich tension between freedom and responsibility in maintaining a just and productive civilization. Prerequisite: Junior or Senior status.)

**Free Electives 46.00**

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

**Excess Duplicate Credit**

**TOTAL ..... 127.00 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](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.

#### Bellevue University General Information:

Bellevue University provides quality liberal arts and career-oriented programs at undergraduate and graduate levels. Exceptional educational value and affordable access are provided to a diverse student body through efficient operation and moderate tuition. Their classes are kept small to provide more individual attention in the classroom. Their faculty and staff are helpful and show genuine concern for the progress of each student. The University is responsive to the needs of the community through distinctive educational programs and delivery systems. Graduates of Bellevue University acquire enhanced knowledge, values, thinking abilities, and communication skills to enable them to be responsible and productive citizens

Bellevue University's online degree programs and courses are designed to provide students with the skills and knowledge needed to meet their career and educational goals. Students are encouraged to take advantage of prior learning including existing college credit, professional/military training, and professional certification.

Since Bellevue University began developing its first online classes in 1995, it has been a leader in using online technology to increase access to courses, degree programs, and support services. Through the University's Cyber-active® -Learning approach to adult education to the online environment teacher-to-student lectures are replaced by active involvement in learning, using applied workplace projects, library and database research, interaction with teachers and other students, and supplementary multi-media. Through the computer, students interact with other students and faculty receiving personal attention at a distance.

Bellevue University degrees are respected and welcome by graduate schools and employers around the world. They are regionally accredited by The Higher Learning Commission, a member of the North Central Association of Colleges and Schools (NCACS).

The cost for online courses is \$295.00 per credit hour.

For more information regarding the Bachelor of Science in Internet Systems and Software Technology degree, please contact:

Willie Woolford  
Program Manager  
Bellevue University  
1000 Galvan Road South

Bellevue, NE 68005  
(800) 756-7920 Ext 4023 or (402) 682-4023  
E-mail: woolford@bellevue.edu  
<http://www.bellevue.edu>

**POLICY NOTES:**

General Degree Requirements

All graduating students must:

- . Complete the requirements for a major in at least one academic area and have a grade point average of 2.0 or higher in the major area courses.
- . Students transferring without an Associate's degree will take all General Education Core Curriculum requirements not met by previous coursework.
- . Have at least 30 credit hours in resident courses at Bellevue University, including a minimum of 12 hours in upper-level (300-400) courses in their major area. Bellevue University Online courses count toward residence hours.
- . Complete at least 30 hours of upper-level credit.
- . Credit will be granted only for courses with grades of "C" or higher.

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: 31 May 2007