



Saint Leo University



Bachelor of Science in Computer Information Systems

STUDENT DATA:

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit Potential
Required Credit

Academic Writing I (ENG 121) [EN024B]

3.00

Academic Writing is designed to teach students to communicate effectively in an academic environment. The goal of the course is to provide instruction, practice, and discussion to improve students' communication skills. Students will write for a variety of purposes and audiences and in a variety of rhetorical modes. The focus of the course is on practical, relevant, academic writing skills. The course operates on a lecture/discussion basis. For under prepared students, it includes individual tutorials. Although good prose models are used throughout the course, the students' writing is the primary focus.

(SLU accepts the CLEP General English Examination with essay for those who have scored at or above 490. Prerequisites: ENG002 or satisfactory grade on the English placement exam.)

{DANTES Code = 11.07.00}

Academic Writing II (ENG 122) [EN025B]

3.00

This course is a continuation of ENG 121 and emphasizes expository writing based on analytical study of literary genres. To ensure competence in oral communications, a speech component is included.

(SLU accepts the CLEP General English Examination with essay for those who have scored at or above 490. Prerequisites: ENG002 or satisfactory grade on the English placement exam.)

{DANTES Code = 11.07.00}

Algebra and Functions (MAT 128) [MH047B]

3.00

A course designed to provide a beginning background on functions that will enable students to advance and succeed in higher level mathematics courses. Algebraic concepts with emphasis on functions and graphing. Topics include rational expressions and equations, functions and graphs, inequalities, rational exponents and radicals, quadratic equations and functions.

(SLU accepts the CLEP General Mathematics Examination for those who have scored at or above 450. This course or higher, excluding MAT 201 or a satisfactory grade on the Math placement exam. This course can be used as elective credit in prep for MAT 141.)

{DANTES Code = 14.01.00}

Integrated Physical Science (SCI 101) 3.00

This is the first of two science courses required of all non-science majors. This course is designed to introduce students to the concepts and practical applications of the physical sciences so that the student will become an informed citizen in an increasingly science and technology based society. Specific themes focused on will include the scientific method, history of science, thermodynamics, electricity, waves, atomic structure, nuclear energy, relativity and the formation of the earth and universe. There will be several demonstrations and/or student experiments during the semester. Ethical and moral considerations will be discussed where appropriate. This course requires substantial writing and reading.

(SLU accepts the CLEP General Natural Science Examination for those who have scored at or above 447.)

{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series}

Integrated Life Science (SCI 102) 3.00

This course is designed to introduce non-science majors to the concepts and practical applications of the life sciences so that students will be informed citizens in an increasingly science and technology based society. It is critical to the mission of Saint Leo University to impart the knowledge necessary to form morally and ethically responsible opinions of the role science does and should play in shaping humanity now and in the future.

(SLU accepts the CLEP General Natural Science Examination for those who have scored at or above 447.)

{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series}

Art Appreciation (ART 123) [FA001B] 3.00

This course will present basic terms, theories and techniques of the artist, major art movements, media in the visual arts. An approach to visual works of art is designed to increase the student's understanding and aesthetic pleasure as well as to develop acquaintance with techniques and terminology in the visual arts.

{DANTES Code = 08.02.00}

Survey of Major Writers of the 20th Century (ENG 311) 3.00

A study of the most significant and influential movements of the twentieth century as those movements have shaped the course of human experience. The instructor will discuss and analyze a broad range of writers from several countries, drawing on cultural and ethnic issues particularly relevant to those writers.

Integrated Fine Arts (FAS 101) 3.00

The Integrated Arts is an interdisciplinary course that introduces students to visual, written, and musical works of art designed to increase the student's understanding and aesthetic pleasure as well as to develop acquaintance with techniques and terminology in the arts. Regular classroom lectures/discussions will be complemented by live performances and exhibits. As a General Education course, The Integrated Arts promotes a

respect for the contribution and connection of different disciplines to the liberal arts. It is Writing and Technology intensive and reflects the University's Benedictine values of Excellence, Community, Respect, Personal Development, and Integrity.

(SLU accepts the CLEP General Humanities Examination for those who have scored at or above 420.)

{DANTES Code = 08.06.00 or most 08.XX.XX series}

The Quest for Wisdom (PHI 101) 3.00

The course examines human beings as present to themselves, as having a narrative self-understanding, and as being on a quest for meaning and orientation in life. Some of the topics are: the mystery of existence; thinking and prejudice; the good, conscience, and the power of choice; the state and the dignity of the person; the problem of materialism and scientism; and the place of imagination in articulating life's meaning.

{DANTES Code = 17.12.00 or 17.07.00}

Religions of the World I: Western Religions (REL 223) 3.00

(May be substituted with Religions of the World II: Eastern Religions, REL 224. Visit the SLU website for a description of this course.)

{DANTES Code = 17.03.00 or 17.13.00}

The Catholic Tradition (REL 401) 3.00

An investigation of the Catholic tradition in critical dialogue with contemporary culture with a view to understanding how a Catholic modernity can be an authentic and inspiring alternative to secularism, materialism, and the technological world view.

The Human Behavior Perspective (SSC 101) 3.00

An interdisciplinary course designed to provide students with the opportunity to consider the many ways in which human beings function as individuals, as members of larger groups and demographic segments, and as members of a particular culture. This course explores the disciplines of sociology, psychology, and anthropology within the framework of the scientific method, social constructivism, ethics, and values. Value systems, including the core values of Saint Leo University, and the ways in which they affect social structures are also explored.

(SLU accepts the CLEP General Social Sciences and History Examination for those who have scored at or above 450.)

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

Introduction to Psychology (PSY 121) [PS101B] 3.00

A survey of the major areas in psychology. Principle topics covered are: physiological bases of behavior, personality, mental disorders and treatment, social influences and other basic issues. The course introduces the student to the broad spectrum of theories used in understanding human behavior and extends knowledge from the Human Behavior Perspectives general education course into specific areas of psychology. It is also intended to provide a higher level of detailed knowledge for the discipline. It will also provide students with the technological skills necessary to excel in upper level psychology courses or other fields of study.

{DANTES Code = 20.09.00}

The Global Perspective (SSC 102) 3.00

A survey of various global issues arising in the world since World War II. The course combines the disciplines of History, Political Science, and Economics. Emphasis will be placed on the interaction of the superpowers during the Cold War, the post-colonial emergence of the "Third World", the ascendancy of regional and international economic and political institutions, technological innovation as a global blessing and burden, and the reshaping of contemporary Europe.

{DANTES Code = 20.07.06. or 20.07.07 or 20.07.08}

Principles of Macroeconomics (ECO 201) [EC008B] 3.00

An introduction to the study of the determination of income, output, employment and prices in a market oriented economy. Emphasis on fundamental economic concepts, aggregate economic statistics, Gross Domestic Product, monetary and fiscal policy.

{DANTES Code = 20.05.00}

PC Applications (COM 130) 3.00

An introduction to computer applications including basic computer concepts and terminology. Hands-on experience in using the operating system, word processing, spreadsheets, presentation management, and database management. All students are required to take this course if they cannot demonstrate proficiency by passing the Computer Skills Exam.

(This course or a satisfactory grade on the computer exemption examination. College credit by examination or military credit may apply.)

{DANTES Code = 05.02.00}

Principles of Accounting I (ACC 201) 3.00

An introduction to the preparation and use of accounting information found in financial statements. Topics include the analysis of transactions, and accounting for assets, liabilities, revenues, and expenses. This course takes a user perspective in which interpretations of financial statements for measuring performance and making business decisions are emphasized.

{DANTES Code = 03.01.00}

Principles of Accounting II (ACC 202) 3.00

An introduction to cost accounting concepts, budgeting, cost-volume-profit analysis and managerial decisions.

{DANTES Code = 03.01.00}

Business Law I (GBA 231) [BU002B] 3.00

The American legal system (constitutional framework, the judicial system), the administrative agency system, the legal theory of the organization, (agency law, and forms of organization), an organization's legal obligations (torts, contracts, common law, and the Uniform Commercial Code), and public law (employment, securities, antitrust, consumer, and environmental protection) are reviewed.

{DANTES Code = 12.01.00}

Essential Business Skills (GBA 321) [CM007B]	3.00
<p>Explores the nature of the organization's communications environment. Provides an understanding and practical experience about the various strategies and formats available when developing responsive communications in a variety of organizational situations. Course components include oral communication, non-verbal communication, and the composition of effective business documents. Various forms, styles, and types of business communication are presented through the writing of business memos, letters, and other documents.</p>	
Principles of Management (MGT 301) [MG001B]	3.00
<p>An introductory course in management as a discipline and a process. Major topics include the evolution and scope of management, decision-making, planning and strategy, organizing and staffing, leading and control, and change. The importance of management in the global environment and ethical considerations of management decisions also are included. {DANTES Code = 03.10.00}</p>	
Principles of Marketing (MKT 301) [BU005B]	3.00
<p>The basic course provides the student with fundamental principles in the marketing of goods, services, and ideas including planning, pricing, promotion and distribution. Attention is directed to global marketing, marketing ethics, and managing the marketing function. {DANTES Code = 03.11.00}</p>	
Principles of Microeconomics (ECO 202) [EC009B]	3.00
<p>A study of economic analysis concerning the factors at work in the marketplace. Emphasis on demand, supply, elasticity, production theory, cost theory, market structures, market failure, resource markets, and contemporary issues. {DANTES Code = 20.05.00}</p>	
Finite Mathematics (MAT 141)	3.00
<p>Topics in mathematics that are especially applicable to business such as linear models, linear programming, mathematics of finance, counting methods, probability, and statistics. {DANTES Code = 14.13.00}</p>	
Introduction to Statistics (MAT 201) [MH053B]	3.00
<p>Development of the fundamental statistical methods, including graphs, measures of central tendency and variation. Inferential statistics including the basic concepts of probability, hypothesis testing, regression analysis and correlation. Use of statistical software packages or calculators. Applications to business, social science, education, and environmental science. {DANTES Code = 14.09.00 or 14.09.06}</p>	
Computer Languages	6.00
<p>Six credits required in Com 205 & 208 OR COM 207 & 209.</p> <p>Introduction to Visual Basic (COM 205) Programming in Visual Basic (COM 208)</p>	

OR

Programming in C/C++ (COM 207)

Programming in JAVA (COM 209)

Visit the SLU website for a description of these courses.

Introduction to Computer Information Systems (COM 202) 3.00

An introduction to the field of computer information systems with a review of the entire field and its application in the business world. Included are information management principles and systems, number systems and how they are used in computers; the relationship among the many parts of the computer and how they interact; and the basics of networks. This course also introduces the student to computer use in management sciences and to computer operating systems and how they control the various parts of the computer.

Decision Support Systems (COM 315) [CS037B] 3.00

The ability to use the computer to enhance decision making through better analysis of the available data and application of statistical concepts to this data is invaluable in the competitive world. This course will provide the student with the knowledge and skills necessary to create applications to provide this capability.

Electronic Commerce (COM 318) 3.00

The increased commercial use of the Internet makes it essential for students to understand the essentials of electronic commerce. Included are the role of the Internet and the World Wide Web in electronic commerce. Web server hardware and software tools will be examined. Electronic payment, security, the regulatory environment, and Web-based marketing will be addressed.

Systems Analysis and Design (COM 320) [CS005B] 3.00

Students will be provided with actual systems to design, implement and document the system development cycle. The cycle includes an analysis of current systems, logical and physical systems design, program development, testing, implementation, maintenance, and documentation.

{DANTES Code = 05.03.02}

Introduction to Internet Applications (COM 340) 3.00

Structures of data base management systems, applications of data structures, network, relational, and hierarchical data models, application program development, query systems, file security and the role of data base administrators. During the COM 320 course, the student analyzed a business operation for computerization or computer system upgrade and designed the new computer system. In this course, the student will utilize a database management system to create the database and other software necessary for completing the system upgrade begun in COM 320.

Database Concepts and Programming (COM 410) [CS014B] 3.00

Structures of data base management systems, applications of data structures, network, relational, and hierarchical data models, application program development, query systems, file security and the role of data base administrators. During the COM 320 course, the student analyzed a business

operation for computerization or computer system upgrade and designed the new computer system. In this course, the student will utilize a database management system to create the database and other software necessary for completing the system upgrade begun in COM 320.

{DANTES Code = 05.03.00}

Network Theory and Design (COM 415) 3.00

An understanding of the theory, design and application of networks. The course will include the creation and operation of an actual network.

Information Technology and Resource Management (COM 424) 3.00

The rapidly changing field of information technology requires a solid knowledge foundation. This course reviews contemporary information technology management and the relevant issues of effective management of the information service activities.

Information Resource Management (COM 498) 3.00

A capstone course open to seniors only, emphasizing the integration of information and environmental systems to support broad strategic planning decisions. The course will involve lectures, case studies and application of previous course work to support strategic decision-making.

Computer Information Systems (COM 499)

This is a comprehensive examination.

Free Electives 14.00

Excess or Duplicate Credit

TOTAL 122.00 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.

Saint Leo University (SLU) General Information

SLU's rich history dates back to their founding in 1889. As the oldest Catholic institution of higher education in Florida, their Benedictine values of Excellence, Community, Respect, Personal Development, Responsible Stewardship and Integrity are the cornerstones of academic and student life at Saint Leo University.

A private, liberal arts university nestled in the rolling hills of west central Florida, Saint Leo University students enjoy an average class size of 14.1 with 24 undergraduate majors and specializations and two graduate programs: a masters in educational leadership; a one-year, full-time MBA program and a two-year, weekend MBA program for working professionals.

Saint Leo University is the sixth largest provider of education in the military. Through the School for Continuing Education, Saint Leo operates 13 centers throughout the Southeast (Florida, Georgia, Virginia, South Carolina and Texas) serving the needs of adult students as they balance the demands of careers and families. Many of these centers serve military communities and in Base or Post Education Centers. Through the Center for Online Learning, Saint Leo students may earn an associate's or bachelor's degree completely online, making Saint Leo a truly global community.

The online Associate's degrees require the completion of 60 academic credit hours for graduation. Students must have 15 hours "in residence" with SLU. You can enroll in Saint Leo University's Center for Online Learning at anytime and begin your studies six convenient times during the year. Each course is presented in 8 week terms and provides 3 credit hours. As long as you meet the prerequisites, you may take your courses in any order. Upon successful completion of SLU's academic requirements, you will receive your Associate's degree. You can be assured, it is the same degree received by your on-campus counterparts.

You may earn your accredited associate's or bachelor's degree by electing one of Saint Leo University's online degree programs and satisfying all degree requirements. SLU is one of the largest online undergraduate degree programs in the nation and is ranked first among Catholic colleges and universities in terms of bachelor's degrees awarded in business!

Program Cost:	(Subject to Change)
Bachelor's Degree	
Application Fee	\$ 35
Tuition Per Semester Hour	\$250 for members of the military community

Employees of government agencies, corporations, and private business may be eligible for military tuition rates if they are members of any of the seven Military Reserve or National Guard components. Check with the admissions office to determine

eligibility if applicable.

To discuss your next step toward earning this degree with SLU, contact:

The Main Campus: (352) 588-8913
McDill AFB, Tampa Center (813) 828-4305
Mayport Naval Base, FL Center (904) 249-0911
Key West Center (305) 292-2847
Ft. McPhearson, GA Center (404) 755-5898
Savannah, GA Center (912) 447-5547
Shaw AFB, SC Center (803) 666-3221
Langley, VA Center (757) 766-1812
Fort Eustis, VA Center (757) 887-1166
Navy Norfolk Area Center (757) 464-6449
Ingleside Naval Base, TX Center (512) 776-2808
Online Center 1-800-571-4941

or contact John Czworka
SLU / University Alliance Military Program Representative
32223 Michigan Avenue
San Antonio, Florida 33576
Phone: 1-888-622-7344 ext. 7007
Website: <http://www.saintleo.com>

POLICY NOTES:

The online Bachelor's degrees require the completion of 120 academic credit hours for graduation. Students must have 30 hours "in residence" with SLU. A total of 90 semester hours of transfer credit from other colleges, military credit recommended by ACE, or college level testing credit may be accepted by SLU. Courses with grades of "D" are accepted in transfer, as long as the overall GPA is 2.0 or greater. At least 30 semester hours must be UL.

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