Web Site Design/Development
Associate of Applied Science Degree
IS53

Curriculum

General Education Core	**15**
Area I: Language Arts/Communication	3
ENGL 1101 Composition and Rhetoric (3)	
Area II: Social/Behavioral Sciences *(Choose ONE)*	3
ECON 1101 Principles of Economics (3)	
ECON 2105 Principles of Macroeconomics (3)	
ECON 2106 Principles of Microeconomics (3)	
HIST 1111 World History I (3)	
HIST 1112 World History II (3)	
HIST 2111 American History I (3)	
HIST 2112 American History II (3)	
POLS 1101 American Government (3)	
PSYC 1101 Introduction to Psychology (3)	
SOCI 1101 Introduction to Sociology (3)	
Area III: Natural Sciences / Mathematics *(Choose ONE)*	3
MATH 1101 Mathematical Modeling (3)	
MATH 1103 Quantitative Skill and Reasoning (3)	
MATH 1111 College Algebra (3)	
Area IV: Humanities/Fine Arts *(Choose ONE)*	3
ARTS 1101 Art Appreciation (3)	
ENGL 2130 American Literature (3)	
ENGL 2310 English Literature from the Beginnings to 1700 (3)	
HUMN 1101 Introduction to Humanities (3)	
MUSC 1101 Music Appreciation (3)	
RELG 1101 Introduction to World Religions (3)	
Elective: General Education *(Choose ONE)*	**3**
XXXX #### (3)	

Occupational Courses

Required Courses:	**46**
COMP 1000 Introduction to Computer Literacy (3)	
CIST 1001 Computer Concepts (4)	
CIST 1305 Program Design and Development (3)	
CIST 1210 Introduction to Oracle Databases (4)	
CIST 1510 Web Development I (3)	
CIST 1520 Scripting Technologies (3)	
CIST 1530 Web Graphics I (3)	
CIST 1601 Information Security Fundamentals (3)	
CIST 2510 Web Technologies (3)	
CIST 2550 Web Development II (3)	
CIST 2921 IT Analysis, Design, and Project Management (4)	

CIST 2531 Web Graphics II (3)

Programming Course Option *(Choose ONE)*
    CIST 2381 Mobile Application (4)
    CIST 2371 Java Programming (4)
    CIST 2311 Visual Basic I (4)
    CIST 2341 C# Programming I (4)

Course Option *(Choose ONE)*
    CIST 2950 Web Systems Project (3)
    CIST 2991 CIST Internship I (3)

Occupational Electives: *(Choose ONE)*   **3**
    CIST #### (3)

Total Credit Hour (minimum):   **64**