

## Interdisciplinary Studies

### Associate of Applied Science Degree

AF53

## Curriculum

---

### General Education Core 21

#### Area I: Language Arts/Communication 6

ENGL 1101 Composition and Rhetoric (3)

Choose ONE of the following Area I electives:

ENGL 1102 Literature and Composition (3)

ENGL 1105 Workplace and Technical Communications (3)

SPCH 1101 Public Speaking (3)

#### Area II: Social/Behavioral Sciences *(Choose TWO courses below)* 6

ECON 1101 Principles of Economics (3)

HIST 2111 U.S. History I (3)

ECON 2105 Macroeconomics (3)

HIST 2112 U.S. History II (3)

ECON 2106 Microeconomics (3)

POLS 1101 American Government (3)

HIST 1111 World History I (3)

PSYC 1101 Introduction to Psychology (3)

HIST 1112 World History II (3)

SOCI 1101 Introduction to Sociology (3)

#### Area III: Natural Science/Mathematics 6

##### Choose ONE MATH course 3

MATH 1101 Mathematical Modeling (3)

MATH 1103 Quantitative Skills and Reasoning (3)

MATH 1111 College Algebra (3)

##### Choose ONE Science or additional Math course 3

BIOL 1111 Biology I (3) and BIOL 1111L  
Biology I Lab (1)

CHEM 1212 Chemistry II (3) + CHEM 1211L  
Lab (1)

BIOL 2107 Biological Principles (3) + BIOL  
2107L Lab (1)

PHYS 1110 Conceptual Physics (3) + PHYS  
1110L Lab (1)

CHEM 1151 Survey of Inorganic Chemistry  
(3) + CHEM 1151L Lab (1)

PHYS 1111 Introductory Physics I (3) + PHYS  
1111L Lab (1)

CHEM 1211 Chemistry I (3) + CHEM 1211L  
Lab (1)

MATH 1113 Precalculus (3)

MATH 1127 Introduction to Statistics (3)

#### Area IV: Humanities/Fine Arts *(Choose ONE course)* 3

ARTS 1101 Art Appreciation (3)

ENGL 2130 American Literature (3)

HUMN 1101 Introduction to Humanities (3)

MUSC 1101 Music Appreciation (3)

### Interdisciplinary Studies Requirement 40

*Select 40 credit hours from the Interdisciplinary Studies Course Electives list.*

*Students should coordinate with a faculty advisor to design coursework focused on a specific academic goal or career path.*

**Total Credit Hour (minimum): 61**

**Interdisciplinary Studies Course Electives**

40

**General Education Core**

Any General Education Core course listed above, but not yet taken, OR,  
BIOL 1112 Biology II (3) and BIOL 1112L Lab (1)      MATH 1131 Calculus I (4)  
BIOL 2113 Anatomy + Physiology I (3) and BIOL 2113L Lab (1)      MATH 1132 Calculus II (4)  
BIOL 2114 Anatomy + Physiology II (3) and BIOL 2114L Lab (1)      PHYS 1112 Introductory Physics II (3) + PHYS 1112L Lab (1)  
BIOL 2117 Introduction to Microbiology (3) + BIOL 2117L Lab (1)      PSYC 2103 Human Development (3)  
PSYC 2250 Abnormal Psychology (3)  
RELG 1101 World Religions (3)

**Accounting**

ACCT 1125 Individualized Tax Accounting (3)  
ACCT 2145 Personal Finance (3)

**Air Conditioning Technology**

AIRC 1005 Refrigeration Fundamentals (4)  
AIRC 1030 HVACR Electrical Fundamentals (4)  
AIRC 1050 HVACR Electrical Components and Controls (4)

**Allied Health**

ALHS 1090 Medical Terminology

**Automotive Technology**

AUTT 1010 Automotive Technology Introduction (2)

**Building Automation Systems**

BUAS 1020 BAS Electrical Concepts I (3)

**Computer Information Systems Technology**

CIST 1001 Computer Concepts (4)      CIST 1601 Information Security Fundamentals (3)  
CIST 1130 Operating Systems Concepts (3)      CIST 2127 Comprehensive Word Processing Techniques (3)  
CIST 1200 Database Management (4)      CIST 2128 Comprehensive Spreadsheet Techniques (3)  
CIST 1220 Structured Query Language (SQL) (4)      CIST 2129 Comprehensive Database Techniques (3)  
CIST 1305 Program Design and Development (3)      CIST 2130 Desktop Support Concepts (2)  
CIST 1510 Web Development I (3)

**Introduction to Computers**

COMP 1000 Introduction to Computer Literacy (3)

**Criminal Justice**

CRJU 1010 Introduction to Criminal Justice (3)  
CRJU 1054 Police Officer Survival (3)

**Drafting**

DFTG 1101 CAD Fundamentals (4)      DFTG 1111 Fasteners (4)  
DFTG 1103 Multiview/Basic Dimensioning (4)      DFTG 1113 Assembly Drawings (4)  
DFTG 1105 3D Mechanical Modeling (4)      DFTG 1125 Architectural Fundamentals (4)  
DFTG 1107 Advanced Dimensioning/Sectional Views (4)      DFTG 1127 Architectural 3D Modeling (4)  
DFTG 1109 Auxiliary Views/Surface Development (4)      DFTG 1131 Residential Drawing II (4)  
DFTG 1133 Commercial Drawing I

**Design and Media Production**

DMPT 1000 Introduction to Design (4)  
DMPT 1005 Vector Graphics (4)  
DMPT 1010 Raster Imaging (4)  
DMPT 1600 Introduction to Video Production (4)  
DMPT 2100 Identity Design (4)  
DMPT 2105 Page Layout (4)

DMPT 2300 Foundations of Interface Design (4)  
DMPT 2310 Animation for Web (4)  
DMPT 2400 Basic 3D Modeling and Animation (4)  
DMPT 2505 Intermediate Digital Post Production (4)  
DMPT 2600 Basic Video Editing (4)

**Early Childhood Care and Education**

ECCE 1101 Introduction to Early Childhood Care and Education (3)  
ECCE 1103 Child Growth and Development (3)  
ECCE 1105 Health, Safety and Nutrition (3)  
ECCE 2202 Social Issues and Family Involvement (3)

ECCE 2320 Program Administration and Facility Management (3)  
ECCE 2322 Personnel Management (3)  
ECCE 2330 Infant/Toddler Development (3)  
ECCE 2332 Infant/Toddler Group Care and Curriculum (3)

**Electrical and Computer Engineering Technology**

ECET 2120 Electronic Circuits I (4)

**Electronics Technology**

ELCR 1005 Soldering Technology (1)  
ELCR 2590 Fiber Optics Systems (3)

**Engineering Technology**

ENGT 1000 Introduction to Engineering Technology (3)

**Management**

MGMT 1100 Principles of Management (3)  
MGMT 1105 Organization Behavior (3)  
MGMT 1110 Employment Rules & Regulations (3)  
MGMT 1115 Leadership (3)  
MGMT 1120 Introduction to Business (3)  
MGMT 1125 Business Ethics (3)  
MGMT 2115 Human Resource Management (3)

MGMT 2130 Employee Training and Development (3)  
MGMT 2140 Retail Management (3)  
MGMT 2145 Business Plan Development (3)  
MGMT 2155 Quality Management Principles (3)  
MGMT 2205 Service Sector Management (3)  
MGMT 2210 Project Management (3)

**Marketing**

MKTG 1100 Principles of Marketing (3)  
MKTG 1130 Business Regulations and Compliance (3)  
MKTG 1160 Professional Selling (3)

MKTG 1190 Integrated Marketing Communications (3)  
MKTG 1270 Visual Merchandising (3)  
MKTG 1370 Consumer Behavior (3)

**Welding**

WELD 1000 Introduction to Welding Technology (4)