

Fire Science Technology

Associate of Applied Science Degree

FS13

Curriculum

General Education Core	15
Area I: Language Arts/Communication	3
ENGL 1101 Composition and Rhetoric (3)	
Area II: Social/Behavioral Sciences <i>(Choose ONE course below.)</i>	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)	
SOC 1101 Introduction to Sociology (3)	
Area III: Natural Sciences / Mathematics <i>(Choose ONE course below.)</i>	3
MATH 1101 Mathematical Modeling (3)	
MATH 1103 Quantitative Skill and Reasoning (3)	
MATH 1111 College Algebra (3)	
Area IV: Humanities/Fine Arts <i>(Choose ONE course below.)</i>	3
ARTS 1101 Art Appreciation (3)	
ENGL 2130 American Literature (3)	
HUMN 1101 Introduction to Humanities (3)	
MUSC 1101 Music Appreciation (3)	
RELG 1101 Introduction to World Religions (3)	
Elective: General Education <i>(Choose ONE course below.)</i>	3
Any course from Area I, II, III, or IV above, OR	
ENGL 1102 Literature and Composition (3)	
SPCH 1101 Public Speaking (3)	
BIOL 1111 Biology I (3) + BIOL 1111L Biology I Lab (1)	
BIOL 1112 Biology II (3) + BIOL 1112L Biology II Lab (1)	
CHEM 1211 Chemistry I (3) + CHEM 1211L Chemistry I Lab (1)	
CHEM 1212 Chemistry II (3) + CHEM 1212L Chemistry II Lab (1)	
MATH 1113 Precalculus (3)	
MATH 1127 Introduction to Statistics (3)	
MATH 1131 Calculus I (4)	
MATH 1132 Calculus II (4)	
PHYS 1110 Conceptual Physics (3) + PHYS 1110L Conceptual Physics Lab (1)	
PHYS 1111 Introductory Physics I (3) + PHYS 1111L Introductory Physics I Lab (1)	
PHYS 1112 Introductory Physics II (3) + PHYS 1112L Introductory Physics II Lab (1)	
Occupational Courses	47

Required Courses:

- COMP 1000 Introduction to Computer Literacy (3)
- FRSC 1100 Introduction to the Fire Service (3)
- FRSC 1110 Fire Administration – Supervision and Leadership (3)
- FRSC 1132 Fire Service Instructor (4)
- FRSC 1141 Hazardous Materials Operations (4)
- FRSC 1151 Fire Prevention & Inspection (4)
- FRSC 1161 Fire Service Safety and Loss Control (3)
- FRSC 2100 Fire Administration Management (3)
- FRSC 2110 Fire Service Hydraulics (3)
- FRSC 2120 Fire Protection Systems (3)
- FRSC 2130 Fire Service Building Construction (3)
- FRSC 2141 Incident Command (4)
- FRSC 2170 Fire and Arson Investigations (4)

Select ONE course below:

- FRSC 1115 Fire Behavior and Combustion (3)
- FRSC 1121 Firefighting Strategy and Tactics (3)

Total Credit Hour (minimum):

62