

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**