



Fire Science Associate in Applied Science

Four-Semester Pathway - Academic Year 2019-2020

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIRE-105	Fire Studies and Stayin' Alive FIG				4	
MATH-130 OR MATH-140	Technical Mathematics College Algebra		MATH-030 MATH-050		3	
FIRE-110	Fire Protection Systems	Offered Fall semester only		FIRE-105	3	
FIRE-115	Fire Service Building Construction	Offered Fall semester only		FIRE-105	3	
Semester 2						
ENGL-100	English Composition		ENGL-090, ENGL-095		3	
CHEM-103	Chemistry for Emergency Responders	Offered Spring semester only			4	
FIRE-150	Fire Inspector	Offered Spring semester only			3	
FIRE-155	Fire Service Hydraulics	Offered Spring and Summer semesters only		MATH-130 or MATH-140	3	
	Social Science Elective	PSYC-100 Intro to Psychology	See course prerequisites	See course corequisites	3	
Semester 3						
ENGL-115	Introduction to Literature		ENGL-100		3	
FIRE-200	Hazardous Materials	Offered Fall semester only	24 credits toward major		3	
PHYS-110	Technical Physics with Lab			MATH-030	4	
FIRE-215	Fire Service Leadership	Offered Fall semester only	ENGL-100		3	
	Fire Science Technology Elective	EMST-125 EMT-Basic or PUBS-105 Emergency Telecommunicator	See course prerequisites	See course corequisites	3	
Semester 4						
FIRE-250	Fire Ground Operations	Offered Spring semester only	30 credits toward major		3	
FIRE-260	Fire Administration	Offered Spring semester only	ENGL-100, 30 credits toward major		3	
	Social Science Elective	SOCI-100 Introduction to Sociology	See course prerequisites	See course corequisites	3	
	Fine Arts or Humanities Elective	ARTS-150 Metal Arts, ARTS-170 Photography, or PHIL-155 Philosophy in Action	See course prerequisites	See course corequisites	3	
	Fire Science Technology Elective	FIRE-140 Fire in America or FIRE-165 Wildland I	See course prerequisites	See course corequisites	3	
	Fire Science Technology Elective	FIRE-205 Fire & Life Safety Educator or FIRE-210 Fire Instructor	See course prerequisites	See course corequisites	3	

Fire Science Technology

General Elective Requirements					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
ENGL-115	Introduction to Literature	ENGL-100		3	
MATH-130 OR MATH-140	Technical Mathematics OR College Algebra	MATH-030 MATH-050		3	
PHYS-110	Technical Physics with Lab		MATH-030	4	
	Fine Arts or Humanities Elective			3	
	Social Science Electives			6	

Major Required Courses					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
CHEM-103	Chemistry for Emergency Responders			4	
FIRE-105	Fire Studies & Stayin' Alive FIG			4	
FIRE-110	Fire Protection Systems		FIRE-105	3	
FIRE-115	Fire Service Building Construction		FIRE-105	3	
FIRE-150	Fire Inspector			3	
FIRE-155	Fire Service Hydraulics		MATH-130 or MATH-140	3	
FIRE-200	Hazardous Materials	30 credits toward major		3	
FIRE-215	Fire Service Leadership	ENGL-100		3	
FIRE-250	Fire Ground Operations	30 credits toward major		3	
FIRE-260	Fire Administration	ENGL-100, 30 credits toward major		3	
	Fire Science Technology Electives			9	