

FIRE SERVICE OPERATIONS, ASSOCIATE IN APPLIED SCIENCE



College(s): MX

Program Code: 0414

The Fire Service Operations degree focuses on fire suppression and prevention and general emergency response operations with a target population of the college student interested in a career in emergency and fire service but not yet employed by a department.

Program Requirements

Code	Title	Hours
General Education Coursework		
ENGLISH 101	Composition	3
ENGLISH 102	Composition	3
	or SPEECH 101 Fund Of Speech Communicatn	
MATH 118	General Education Math	4
PSYCH 201	General Psychology	3
BIOLOGY 114	General Education Biology	4
SOC 201	Intro To the Study Of Society (HD)	3
	Select one of the following Human Diversity (HD) Courses:	3
HUM 212	Non-Western Humanities	
LIT 128	Latin American Literature	
LIT 131	Survey Of Afro-American Poetry	
LIT 150	Women's Literature	
Required Program Core		
EMT 101	Emergency Medical Technician-Basic	8
FIREMGT 101	Principles of Emergency Services	3
FIREMGT 103	Fire Behavior and Combustion	3
FIREMGT 197	Principles of Emergency Responder Safety and Survival	3
FIREMGT 202	Building Construction for Fire Science	3
FIREMGT 203	Fire Suppression and Protection Systems	3
FIREMGT 210	Principles of Fire Prevention	3

Program Electives

Select a minimum of 12 credits of the following:	12
ENVR TC 102	
ENVR TC 111	
FIREMGT 102	Strategies and Tactics I
FIREMGT 104	Occupational Safety & Health for Emergency Services
FIREMGT 198	Strategies and Tactics II
FIREMGT 205	Chemistry of Hazardous Materials
FIREMGT 212	Fire Investigation I
FIREMGT 213	Fire Investigation II
FIREMGT 220	Fire Instructor I
FIREMGT 221	Fire Instructor II
Total Hours	61

Pathway

This is an **example course sequence** for students interested in earning a degree in Fire Service Operations. If this pathway is followed as outlined, you will earn an Associate in Applied Science (AAS) degree in Fire Service Operations. It does not represent a contract, nor does it guarantee course availability. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below.

Check the program webpage (<https://www.ccc.edu/colleges/malcolm-x/departments/Pages/Fire-Science.aspx>) **for details about session dates and times.**

Semester-by-Semester Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Course	Title	Hours
Semester 1		
ENGLISH 101	Composition ¹	3
ENGLISH 102 or SPEECH 101	Composition ¹ or Fund Of Speech Communicatn	3
Select one of the following:		3
HUM 212	Non-Western Humanities (HD) ¹	
LIT 128	Latin American Literature (HD) ¹	
LIT 131	Survey Of Afro-American Poetry (HD) ¹	
LIT 150	Women's Literature (HD) ¹	
FIREMGT 101	Principles of Emergency Services	3
BIOLOGY 114	General Education Biology ¹	4
Hours		16
Semester 2		
EMT 101	Emergency Medical Technician-Basic	8
MATH 118	General Education Math ¹	4
FIREMGT 103	Fire Behavior and Combustion	3
Hours		15
Semester 3		
FIREMGT 212	Fire Investigation I ²	3
FIREMGT 197	Principles of Emergency Responder Safety and Survival	3
FIREMGT 203	Fire Suppression and Protection Systems	3
FIREMGT 202	Building Construction for Fire Science	3
PSYCH 201	General Psychology ¹	3
Hours		15
Semester 4		
ENVR TC 102	²	3
FIREMGT 210	Principles of Fire Prevention	3
FIREMGT 198	Strategies and Tactics II ²	3
SOC 201	Intro To the Study Of Society ¹	3
FIREMGT 104	Occupational Safety & Health for Emergency Services ²	3
Hours		15
Total Hours		61

¹ General Education Requirement

² Program Elective (p. 2)

Program Elective Associate in Applied Science Electives

Code	Title	Hours
ENVR TC 102		3
ENVR TC 111		3
FIREMGT 102	Strategies and Tactics I	3
FIREMGT 104	Occupational Safety & Health for Emergency Services	3
FIREMGT 198	Strategies and Tactics II	3
FIREMGT 205	Chemistry of Hazardous Materials	3
FIREMGT 212	Fire Investigation I	3
FIREMGT 213	Fire Investigation II	3
FIREMGT 220	Fire Instructor I	3
FIREMGT 221	Fire Instructor II	3

Choose your courses with your College Advisor.