

FIRE SCIENCE MANAGEMENT, ASSOCIATE IN APPLIED SCIENCE



College(s): MX

Program Code: 0413

The Fire Science Management degree is designed to concentrate on management and officer training with a target population of those who are already employed in a fire service and particularly addressing the specific higher education needs of the Chicago Fire Department (CFD).

Program Requirements

| Code | Title | Hours |
|---|---|-------|
| General Education Coursework | | |
| ENGLISH 101 | Composition | 3 |
| MATH 118 | General Education Math | 4 |
| PSYCH 201 | General Psychology | 3 |
| BIOLOGY 114 | General Education Biology | 4 |
| | or CHEM 121 Basic Chemistry I | |
| 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 102 | Strategies and Tactics I | 3 |
| FIREMGT 103 | Fire Behavior and Combustion | 3 |
| FIREMGT 197 | Principles of Emergency Responder Safety and Survival | 3 |
| FIREMGT 198 | Strategies and Tactics II | 3 |
| FIREMGT 200 | Management and Leadership I | 3 |

| | | |
|-------------|-------------------------------|---|
| FIREMGT 204 | Management and Leadership II | 3 |
| FIREMGT 210 | Principles of Fire Prevention | 3 |
| FIREMGT 220 | Fire Instructor I | 3 |

Program Electives

Select a minimum of nine credit hours of the following: 9

| | | |
|-------------|---|--|
| FIREMGT 104 | Occupational Safety & Health for Emergency Services | |
| FIREMGT 201 | Fire Service Hydraulics | |
| FIREMGT 202 | Building Construction for Fire Science | |
| FIREMGT 203 | Fire Suppression and Protection Systems | |
| FIREMGT 205 | Chemistry of Hazardous Materials | |
| FIREMGT 206 | Management and Operations III | |
| FIREMGT 211 | Management Operations IV | |
| FIREMGT 221 | Fire Instructor II | |

Total Hours 61

Pathway

This is an **example course sequence** for students interested in earning a degree in Fire Science Management. If this pathway is followed as outlined, you will earn an Associate in Applied Science (AAS) degree in Fire Science Management. 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.

| | | |
|-------------|--------------------------|---|
| FIREMGT 211 | Management Operations IV | 3 |
| FIREMGT 221 | Fire Instructor II | 3 |

Choose your courses with your College Advisor.

| Course | Title | Hours |
|------------------------------|--|-------|
| Semester 1 | | |
| Fall | | |
| ENGLISH 101 | Composition ¹ | 3 |
| BIOLOGY 114 or CHEM 121 | General Education Biology ¹ or Basic Chemistry I | 4 |
| MATH 118 | General Education Math ¹ | 4 |
| FIREMGT 101 | Principles of Emergency Services | 3 |
| Hours | | 14 |
| Semester 2 | | |
| Spring | | |
| EMT 101 | Emergency Medical Technician-Basic | 8 |
| FIREMGT 103 | Fire Behavior and Combustion | 3 |
| FIREMGT 200 | Management and Leadership I | 3 |
| Hours | | 14 |
| Semester 3 | | |
| Summer | | |
| FIREMGT 204 | Management and Leadership II | 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 | |
| Hours | | 6 |
| Semester 4 | | |
| Fall | | |
| FIREMGT 102 | Strategies and Tactics I | 3 |
| FIREMGT 197 | Principles of Emergency Responder Safety and Survival | 3 |
| FIREMGT 220 | Fire Instructor I | 3 |
| FIREMGT 206 | Management and Operations III ² | 3 |
| PSYCH 201 | General Psychology ¹ | 3 |
| Hours | | 15 |
| Semester 5 | | |
| Spring | | |
| FIREMGT 211 | Management Operations IV ² | 3 |
| FIREMGT 210 | Principles of Fire Prevention | 3 |
| FIREMGT 198 | Strategies and Tactics II | 3 |
| FIREMGT 221 | Fire Instructor II ² | 3 |
| Hours | | 12 |
| Total Hours | | 61 |

¹ General Education Requirement

² Program Elective (p. 2)

Program Elective Associate in Applied Science Electives

| Code | Title | Hours |
|-------------|---|-------|
| FIREMGT 104 | Occupational Safety & Health for Emergency Services | 3 |
| FIREMGT 201 | Fire Service Hydraulics | 3 |
| FIREMGT 202 | Building Construction for Fire Science | 3 |
| FIREMGT 203 | Fire Suppression and Protection Systems | 3 |
| FIREMGT 205 | Chemistry of Hazardous Materials | 3 |
| FIREMGT 206 | Management and Operations III | 3 |