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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 101</td>
<td>Composition</td>
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</tr>
<tr>
<td>ENGLISH 102</td>
<td>Composition</td>
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<tr>
<td>MATH 118</td>
<td>General Education Math</td>
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<tr>
<td>PSYCH 201</td>
<td>General Psychology</td>
<td>3</td>
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<tr>
<td>BIOLOGY 114</td>
<td>General Education Biology</td>
<td>4</td>
</tr>
<tr>
<td>SOC 201</td>
<td>Intro To the Study Of Society (HD)</td>
<td>3</td>
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</tbody>
</table>

Select one of the following Human Diversity (HD) Courses:

- 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

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>EMT 101</td>
<td>Emergency Medical Technician-Basic</td>
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<tr>
<td>FIREMGT 101</td>
<td>Principles of Emergency Services</td>
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<tr>
<td>FIREMGT 103</td>
<td>Fire Behavior and Combustion</td>
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</tr>
<tr>
<td>FIREMGT 197</td>
<td>Principles of Emergency Responder Safety and Survival</td>
<td>3</td>
</tr>
<tr>
<td>FIREMGT 202</td>
<td>Building Construction for Fire Science</td>
<td>3</td>
</tr>
<tr>
<td>FIREMGT 203</td>
<td>Fire Suppression and Protection Systems</td>
<td>3</td>
</tr>
<tr>
<td>FIREMGT 210</td>
<td>Principles of Fire Prevention</td>
<td>3</td>
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</tbody>
</table>

### Program Electives

Select a minimum of 12 credits of the following:

- 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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>Semester 1</strong></td>
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<tr>
<td>ENGLISH 102</td>
<td>Composition</td>
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</tr>
<tr>
<td>or SPEECH 101</td>
<td>or Fundamentals of Speech Communication</td>
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<tr>
<td></td>
<td><strong>Select one of the following:</strong></td>
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<tr>
<td>HUM 212</td>
<td>Non-Western Humanities (HD)</td>
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<tr>
<td>LIT 128</td>
<td>Latin American Literature (HD)</td>
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<tr>
<td>LIT 131</td>
<td>Survey Of Afro-American Poetry (HD)</td>
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<tr>
<td>LIT 150</td>
<td>Women’s Literature (HD)</td>
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<td></td>
<td><strong>Hours</strong></td>
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<td><strong>Semester 3</strong></td>
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<tr>
<td>FIREMGT 212</td>
<td>Fire Investigation 1</td>
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<td>General Psychology</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Hours</strong></td>
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<td><strong>Semester 4</strong></td>
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<td>FIREMGT 210</td>
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<td>FIREMGT 198</td>
<td>Strategies and Tactics II</td>
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<td>SDC 201</td>
<td>Intro To the Study Of Society</td>
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<tr>
<td>FIREMGT 104</td>
<td>Occupational Safety &amp; Health for Emergency Services</td>
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<tr>
<td></td>
<td><strong>Hours</strong></td>
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<td></td>
<td><strong>Total Hours</strong></td>
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1 General Education Requirement
2 Program Elective (p. 2)

**Program Elective**

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<td>ENVR TC 102</td>
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<td>FIREMGT 213</td>
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</tr>
<tr>
<td>FIREMGT 221</td>
<td>Fire Instructor II</td>
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Choose your courses with your College Advisor.