**HIGH SCHOOL:** Jefferson High School  
**COLLEGE:** Helena College  
**COLLEGE DEGREE PROGRAM:** Fire and Rescue Associate of Applied Technology

### SUGGESTED HIGH SCHOOL COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Graduation Requirements</th>
<th>Workforce/College Prep</th>
<th>CTE and/or Electives</th>
<th>Recommended CTE Cluster Foundation Course(s):</th>
<th>Recommended CTE Pathway Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Graduation Requirements</td>
<td>Workforce/College Prep</td>
<td>English I, Algebra, Physical Science, PE/Health 1, Intro to Computers</td>
<td>Health &amp; PE, Physical Science, Intro to Computers</td>
<td>Small Engines EMT, Personal Physical Fitness, Welding 1</td>
</tr>
<tr>
<td></td>
<td>CTE and/or Electives</td>
<td>Welding I, Small Engine Repair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10th</td>
<td>Graduation Requirements</td>
<td>Workforce/College Prep</td>
<td>English 2, Geometry, Biology, World History, PE/Health 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CTE and/or Electives</td>
<td>Accounting I, Basic Wildland Firefighting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CTE and/or Electives</td>
<td>Advanced PE, Speech</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12th</td>
<td>Graduation Requirements</td>
<td>Workforce/2-Year College Prep</td>
<td>English 4 or WRIT101 College Writing, Government, Personal Finance</td>
<td>Career &amp; Technical Student Organization(s):</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CTE and/or Electives</td>
<td>Personal Physical Fitness, Crime &amp; Justice, Accounting 1, Woods 1, Ecology or BIOB 160 Principles of Living Systems</td>
<td>HOSA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ADVANCED LEARNING OPPORTUNITIES

**High School to College/Career Linkages**

**Advanced Placement or IB courses:**

**Dual Enrollment courses:** WRIT101 College Writing, BIOB 160 Principles of Living Systems

**Online courses:** MTDA: Introduction to Health Occupations, HR 110T Human Relations and Career Development

**Other:** Work Experience: Volunteer Fire Department; Wildfire Fighting, EMT Training as On-Campus Experience

### POSTSECONDARY PROGRAM OF STUDY (72 credits)

<table>
<thead>
<tr>
<th>Math</th>
<th>English</th>
<th>Major</th>
<th>Other</th>
</tr>
</thead>
</table>
| 13—Semester 1 | Technical Math M111T (3) OR College Algebra M121 (3) | Emergency Medical Technician ECP130 (4)  
Intro to Fire Service FIRE101 (3)  
Fire Service II FIRE102 (3)  
Fire Fighter Safety FIRE103 (3) | Personal Physical Fitness I FIRE107 (1) |
| 13—Semester 2 | Wildland Fire Fighting FIRE106 (3)  
Hazardous Materials FIRE110 (3)  
Emergency Services Customer Service FIRE120 (2)  
Incident Command FIRE 121(1)  
Emergency Equipment Maintenance FIRE 125 (2)  
Fire Apparatus Operation FIRE130 (3)  
Fire Fighting Tactics and Strategies FIRE140 (3) | Personal Physical Fitness II FIRE108 (1) |
| 14—Semester 1 | Intro to Tech Writing WRIT121T (3) OR College Writing WRIT101 | Instructional Methodologies FIRE202 (2)  
Fire Protection Systems FIRE234 (3)  
Fire Investigation FIRE241 (3)  
Rescue FIRE242 (3)  
Building Construction FIRE261 (1) | |
| 14—Semester 2 | Aircraft Rescue & Basic Training (ARFF) FIRE210 (2)  
Fire Streams FIRE215 (2)  
Fire Officer FIRE225 (2)  
Basic Wildland Supervision FIRE232 (2)  
Fire Ground Operations FIRE250 (2)  
Fire Prevention FIRE270 (3)  
Capstone FIRE288 or Internship (3) | Human Relations HR110T  
OR  
Fundamentals of Organizational Psychology PSYX161 |