**FIRE TECHNOLOGY**

**Associate in Science Degree** **Fire Technology**

**Required Core Courses**: 18 units **Total Elective Units:** 12 units

**Total Units:** 60 units

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| **Course Number** | **Course Title** | **Fall** | **Spring** |
| FS 3 | Fundamentals of Fire Prevention |  | 3(even) |
| FS 4 | Fire Protection Equipment and  Systems | 3(odd) |  |
| FS 5 | Fire Organization and Management | 3 |  |
| FS 6 | Building Construction for Fire  Protection | 3(even) |  |
| FS 13 | Fire Behavior and Combustion | 3(even) |  |
| FS 14 | Principles of Fire Safety and Survival |  | 3 (odd) |

**Required Electives:** Select 12 units from the following

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| --- | --- | --- | --- | --- |
| **Course Number** | **Course Title** | **Fall** | **Spring** | **Summer** |
| BUS 25 | Small Business Management |  | 3 |  |
| BUS 27 | Business Communications | 3 | 3 |  |
| EMT 21 | Emergency Medical Responder | 2.5 | 2.5 |  |
| EMT 60 | Emergency Medical Technician | 6.5 | 6.5 |  |
| FS 8 | Wildland Fire Suppression |  | 2 |  |
| FS 20 | First Aid/CPR for Public Safety Employees | 1.5 |  |  |
| FS 23 | Firing Operations (S-219) |  | 1(even) |  |
| FS 26 | Basic Air Operations (S-270) |  | 1(even) |  |
| FS 49 | Fire Technology Work Experience | 1-8 | 1-8 |  |
| FS 50 | Rapid Intervention Crew (RIC) Operations |  | 0.5 |  |
| FS 51 | Introduction to Fire Technology Careers | 1 |  |  |
| FS 56 | Helicopter Crewmember (S-271) |  | 2 even) |  |
| FS 57 | Vehicle Extrication |  |  | 1 |
| FS 59 | Confined Space Awareness | 0.5 |  |  |
| FS 60B | Cal Fire Hand Crew | Agency | Request |  |
| FS 60C | Cal Fire Module 1C Wildland Fighter | 3 | 3 |  |
| FS 60.1 | Cal Fire Module 1A Structural Firefighting |  | 6 |  |
| FS 61 | Basic Firefighter Training (Basic 32) | 2 | 2 |  |
| FS 64 | Fire Instructor 1-Instructor Methodology | 2.0 |  |  |
| FS 64B | Fire Instructor 2- Instructor Development |  | 2(odd) |  |
| FS 65A | Driver Operator 1A |  | 1.5 |  |
| FS 65B | Driver Operator 1B |  | 1.5 |  |
| FS 65C | Wildland Fire Apparatus Operations |  |  | 0.5 |
| FS 70 | Heavy Equipment Boss (S-236) |  | 1 (even) |  |
| FS 70A | Single Resource Boss Academy |  | 1.5 (even) |  |
| FS 70B | Engine Boss (S-231) (Single Resources) | Scheduled | Upon | Request |
| FS 70C | Single Resource Crew Boss (S-230) | Scheduled | Upon | Request |
| FS 72 | HazMat First Responder Operations | 1 |  |  |
| FS 72A | HazMat First Responder – Refresher | Scheduled | Upon | request |
| FS 72B | HazMat First Responder- Decontamination | Scheduled | Upon | Request |
| FS 72C | HazMat First Responder Awareness | Scheduled | Upon | Request |
| FS 72IC | IC HazMat Incident Commander | Agency | Request |  |
| FS 73A | Incident Business Management (S-260) | Scheduled | Upon | Request |
| FS 74 | Fire in the Interface (S-215) |  | 1 |  |
| FS 75 | Fire Behavior (S-290) |  | 2 (even) |  |
| FS 76 | Firefighter Type 1 (Squad Boss S-131) |  | 0.5 (even) |  |
| FS 78 | Followership to Leadership (L-280) |  | 1 |  |
| FS 80 | Firefighter Survival | 1 |  |  |
| FS 81 | Wildland Firefighter Safety and Survival | 0.5 |  |  |
| FS 84 | Lessons Learned (study of Fatal Fires) |  | 1 |  |
| FS 85 | Understanding Maps, Compass & GPS |  | .5 |  |
| FS 87 | Expanded Dispatch Recorder |  | 1 (Agency | Request) |
| FS 89 | Wildland Fire Chainsaws(S-212) |  | 1 |  |
| FS 90 | Portable Pumps and Water Use (S-211) |  | 1 |  |
| FS 92A | Company Officer 2A-Human Resource Management for Company Officers |  | 2 |  |
| FS 92B | Company Officer 2B -General Administrative  Functions for Company Officers |  | 1 |  |
| FS 92C | Company Officer 2C: Fire Inspections and Investigation for Company Officers |  | 2 |  |
| FS 92D | Company Officer 2D: All-Risk Command Operations | 2 |  |  |
| FS 92E | Company Officer 2E-Wildland Incident Operations for Company Officers | 2 |  |  |
| FS 94 | All Risk Strike Team Leader(S-330) |  | 1.5 (even) |  |
| FS 95 | Initial Attack Incident Command (S-200) |  | .5 (even) |  |
| FS 96 | Low Angle Rope Rescue |  | 0.5 |  |
| FS 96A | Rope Rescue Awareness/Operations |  | 1 |  |
| FS97A | Fire Control 4A, Ignitable Liquids and Gases Awareness/Operations |  | 0.5 (even) | . 0.5 (even) |
| FS 98.18 | Annual Fireline Safety Refresher Training | Agency | Request |  |
| FS 98.20 | Incident Safety Awareness for Hired Vendors |  | 0.5 |  |
| FS 98.21 | Volunteer Firefighter Academy |  | 2.5 |  |
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|  |  |  |  |  |

**Electives**: 12 units numbered 1-99

**General Education Requirements**: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.