



**Fire Science - Emergency Medical Services
Certificate
Two Semester Pathway Academic Year 2021-2022**

| Semester 1 | Requirement | Recommended | Prerequisites | Corequisites | Credits | My Plan |
|------------|----------------------------------|-------------|--|-------------------------|---------|---------|
| ENGL 100 | English Composition | | ENGL 090, ENGL 095 | | 3 | |
| FIRE 105 | Fire Studies & Stayin' Alive FIG | | | | 4 | |
| FIRE 106 | Firefighter I & II | | NFPA 1582 compliant medical evaluation and Maine Dept of Labor Standards respiratory protection requirements | FIRE 105 | 6 | |
| Semester 2 | | | | | | |
| EMST 125 | Emergency Medical Technician | | | | 6 | |
| MATH 130 | Technical Math | | MATH 030 | | 3 | |
| | Fire Science / EMS elective | | See course prerequisites | See course corequisites | 3 | |

Fire Science - Emergency Medical Services Certificate

| General Elective Requirements | | | | | |
|--------------------------------------|-----------------------|----------------------|---------------------|----------------|------------|
| COURSE CODE | COURSE TITLE | PREREQUISITES | COREQUISITES | CREDITS | MET |
| ENGL 100 | English Composition | ENGL 090, ENGL 095 | | 3 | |
| MATH 130 | Technical Mathematics | MATH 030 | | 3 | |

| Major Required Courses | | | | | |
|-------------------------------|---------------------------------|--|---------------------|----------------|------------|
| COURSE CODE | COURSE TITLE | PREREQUISITES | COREQUISITES | CREDITS | MET |
| FIRE 105 | Introduction to Fire Protection | | | 4 | |
| FIRE 106 | Firefighter I & II | NFPA 1582 compliant medical evaluation and Maine Dept of Labor Standards respiratory protection requirements | FIRE 105 | 6 | |
| EMST 125 | Emergency Medical Technician | | | 6 | |
| | Fire Science / EMS elective | | | 3 | |

| Fire Science / EMS electives 3 elective credits from list below | | | | | |
|--|------------------------------------|---------------------------------|----------------------|----------------|------------|
| COURSE CODE | COURSE TITLE | PREREQUISITES | COREQUISITES | CREDITS | MET |
| EMST 105 | Ambulance Vehicle Operators Course | Current, valid driver's license | | 1 | |
| FIRE 110 | Fire Protection Systems | | FIRE 105 | 3 | |
| FIRE 115 | Fire Service Building Construction | | FIRE 105 | 3 | |
| FIRE 120 | Fire Behavior and Combustion | | | 3 | |
| FIRE 125 | Fire Occupations Practicum | Program acceptance | | 1 | |
| FIRE 150 | Fire Inspector | | | 3 | |
| FIRE 151 | Fire Inspector Certification Lab | FIRE 150 | | 1 | |
| FIRE 155 | Fire Service Hydraulics | | MATH 130 or MATH 140 | 3 | |
| FIRE 160 | Fire Investigation I | | | 3 | |
| FIRE 165 | Introduction to Wildland Fire | | | 3 | |
| FIRE 170 | Wildland Fire Behavior | MATH 030 | | 3 | |
| PUBS 104 | Public Safety Telecommunicator | | | 3 | |
| PUBS 106 | Introduction to Homeland Security | | | 3 | |
| PUBS 145 | Public Safety, Survival & Wellness | | | 3 | |