

## AAS in Fire Science

The Fire Science program prepares students to enter an exciting career as a firefighter. All fire specific courses are taught by experienced firefighters and offer the opportunity for current firefighters to upgrade job skills or prepare themselves as supervisors in their departments. It also prepares students who wish to begin a career in firefighting.

The Fire Science program offers two tracks of study, a complete two year associates degree and a shorter 30 credit hour professional certificate.

### **Written and Oral Communications 6 Hours**

ENGL 101 English Composition I 3

COMM 101 Public Speaking 3

### **Civics 3 Hours**

POLS 101 American National Government 3

These courses satisfy the state requirement for the Missouri Constitution. Students transferring credit for American history or national government from another institution whether in Missouri or out-of-state may need to complete POLS 109 for an additional ½ credit hour.

### **Mathematical Sciences 3 Hours**

MATH 110 Business Math 3

MATH 112 Intermediate Algebra 3

### **Program Requirements 45 Hours**

FIRE 130 Firefighter 1 6

FIRE 131 Firefighter 2 6

FIRE 132 Introduction to Emergency Services 3

FIRE 133 Fire Behavior and Combustion 3

FIRE 134 Fire Prevention 3

FIRE 135 Fire Safety and Survival 3

FIRE 136 Building Construction for Fire 3

FIRE 137 Fire Protection Systems 3

FIRE 138 Fire Investigations 3

FIRE 139 Tactics and Strategies 3

FIRE 140 Hydraulics and Water 3

FIRE 141 Fire Leadership 3

FIRE 175 Fire Internship 3

### **General Education Elective 3 Hours**

CHEM 101 Introduction to Chemistry with Lab 5

PHIL 102 Ethics 3

PHYS 103 Introduction to Physical Science 3

PSY 101 General Psychology 3

SOC 100 General Sociology 3

## Professional Certificate in Fire Science

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### **Program Requirements 30 Hours**

FIRE 130 Firefighter 1 6

FIRE 131 Firefighter 2 6

FIRE 132 Introduction to Emergency Services 3

FIRE 133 Fire Behavior and Combustion 3

FIRE 134 Fire Prevention 3

FIRE 135 Fire Safety and Survival 3

FIRE 139 Tactics and Strategies 3

FIRE 175 Fire Internship 3