

# Gateway S.M.A.R.T. Plan

## Diploma and Certificates: Fire Science Technology

### Diploma: Fire Chief: 45 - 48 Total Credit Hours

Courses	Cr	Grade	Offered
Digital Literacy - CIT 105 Intro to Computers <b>or</b> OST 105 Intro to Office Systems ( <b>or</b> Competency demonstrated by exam)*	0-3		All
FIR 101 Basic Firefighting I	3		Fall
FIR 102 Basic Firefighting II	3		Fall
FIR 103 Basic Firefighting III	3		Fall
FIR 104 Basic Firefighting IV	3		Fall
FIR 105 Fire Suppression	3		Spring
FIR 106 Intro to Special Responses	3		Spring
FIR 107 Intro to Rescue & Patient Care	3		Spring
FIR 198 Practicum	3		Spring
FIR 205 Fire Officer I	3		Fall
FIR 206 Fire Officer II	3		Spring
FIR 280 Legalities in the Fire Service (Online Only)	3		Spring
FIR 281 Fire Service Administration (Online Only)	3		Spring
FIR 282 Strategy and Tactics (Online Only)	3		Spring
Social/Behavioral or Natural Sciences <b>or</b> Quantitative Reasoning	3		All
Written or Oral Communications <b>or</b> Heritage/Humanities	3		All

### Certificate: Fire Service Administration: 27 Total Credit Hours

Courses	Cr	Grade	Offered
FIR 101 Basic Firefighting I	3		Fall
FIR 102 Basic Firefighting II	3		Fall
FIR 103 Basic Firefighting III	3		Fall
FIR 104 Basic Firefighting IV	3		Fall
FIR 105 Fire Suppression	3		Spring
FIR 106 Intro to Special Responses	3		Spring
FIR 107 Intro to Rescue & Patient Care	3		Spring
FIR 205 Fire Officer I <b>and</b>	3		Fall
FIR 206 Fire Officer II	3		Spring
<b>or</b> FIR 280 Legalities in the Fire Service <b>and</b>	3		Spring
FIR 281 Fire Service Administration	3		Spring

### Certificate: Advanced Firefighter: 21 Total Credit Hours

Courses	Cr	Grade	Offered
FIR 101 Basic Firefighting I	3		Fall
FIR 102 Basic Firefighting II	3		Fall
FIR 103 Basic Firefighting III	3		Fall
FIR 104 Basic Firefighting IV	3		Fall
FIR 105 Fire Suppression	3		Spring
FIR 106 Intro to Special Responses	3		Spring
FIR 107 Intro to Rescue & Patient Care	3		Spring



### **Certificate: Basic Firefighter: 12 Total Credit Hours**

Courses	Cr	Grade	Offered
FIR 101 Basic Firefighting I	3		Fall
FIR 102 Basic Firefighting II	3		Fall
FIR 103 Basic Firefighting III	3		Fall
FIR 104 Basic Firefighting IV	3		Fall

### **Certificate: Basic Fire Protection: 18 Total Credit Hours**

Courses	Cr	Grade	Offered
FIR 260 Principles of Emergency Services (Online Only)	3		Spring
FIR 261 Building Construction (Online Only)	3		Spring
FIR 262 Fire Behavior & Combustion (Online Only)	3		Spring
FIR 263 Fire Service Safety & Wellness (Online Only)	3		Spring
FIR 264 Fire Prevention (Online Only)	3		Spring
FIR 265 Fire Protection Systems (Online Only)	3		Spring

### **Certificate: Emergency Medical Technician: 6 Total Credit Hours**

Courses	Cr	Grade	Offered
FIR 230 Emergency Medical Technician	6		Fall/Spring

### **Certificate: Hazardous Materials Technician: 3 Total Credit Hours**

Courses	Cr	Grade	Offered
FIR 220 Hazardous Materials Technician	3		Fall

#### **Notes**

- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.

Updated 11/1/21

