

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 or OST 105 Intro to Office Systems (or 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 or Quantitative Reasoning	3		All
Written or Oral Communications or Heritage/Humanities	3		All

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 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: 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: Emergency Medical Responder: 3 Total Credit Hours

Courses	Cr	Grade	Offered
FIR 215 Emergency Medical Responder	3		Varies

Certificate: Emergency Medical Technician: 6 Total Credit Hours

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

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 and	3		Fall
FIR 206 Fire Officer II	3		Spring
or FIR 280 Legalities in the Fire Service and	3		Spring
FIR 281 Fire Service Administration	3		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 4/8/20

