

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

## Associate in Applied Science: Fire Science Technology (60-63 Total Credit Hours)

### Recommended Semester 1

Courses	Cr	Grade	Offered
Digital Literacy - CIT 105 Introduction to Computers <b>or</b> OST 105 Introduction 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
Technical or FESHE Track Core/Elective course (rec. FIR 261 (FSE 201) for EKU transfer*)	3		Varies

### Recommended Semester 2

Courses	Cr	Grade	Offered
FIR 105 Fire Suppression	3		Spring
FIR 106 Intro to Special Responses	3		Spring
FIR 107 Intro to Rescue & Patient Care	3		Spring
FIR 210 Aircraft Rescue Firefighting (elective)	3		Spring
<b>or</b> Technical or FESHE Track Core/Elective course (rec. FIR 262 (FSE 120) for EKU transfer*)	3		Varies
Written Communication General Education course (rec. ENG 101 Writing I)	3		All

### Recommended Semester 3

Courses	Cr	Grade	Offered
FIR 212 Driver/Operator (Pumper) (elective)	3		Fall
<b>or</b> Technical or FESHE Track Core/Elective course (rec. FIR 264 (FSE 101) for EKU transfer*)	3		Varies
FIR 213 Driver/Operator (Aerial) (elective)	3		Fall
<b>or</b> Technical or FESHE Track Core/Elective course (rec. FIR 265 (FSE 221) for EKU transfer*)	3		Varies
FIR 220 Hazardous Materials Technician (elective) – Certificate option	3		Fall
<b>or</b> Technical or FESHE Track Core/Elective course (rec. FIR 280 (FSE 225) for EKU transfer*)	3		Varies
FIR 230 Emergency Medical Technician (elective) – Certificate option	6		Fall/Spring

### Recommended Semester 4

Courses	Cr	Grade	Offered
Heritage or Humanities General Education course (rec. PHI 110 <b>or</b> SWK 106U for Paramedic AAS)	3		All
Natural Science General Education course (rec. BIO 135 for Paramedic AAS <b>or</b> CHE 120 <b>and</b> CHE 125 for EKU transfer*)	3		All
Quantitative Reasoning General Education course (rec. MAT 151 for Paramedic AAS <b>or</b> MAT 161 for EKU transfer*)	3		All
Social/Behavioral Science General Education course (rec. PSY 110 for Paramedic AAS and EKU transfer*)	3		All



Courses	Cr	Grade	Offered
Technical or FESHE Track Core/Elective course (rec. FIR 282 (FSE 223) for EKU transfer*)	3		Varies

### Technical Elective Courses

Courses	Cr	Grade	Offered
FIR 198 Practicum	3		Fall/Spring
FIR 202 Fire Instructor I	3		Spring
FIR 203 Fire Instructor II	3		Varies
FIR 205 Fire Officer I	3		Fall
FIR 206 Fire Officer II	3		Spring
FIR 215 Emergency Medical Responder **	3		Varies
FIR 235 Special Topics in Fire Science (may take up to 3 credit hours cumulative)	1		Varies
FIR 260 Principles of Emergency Services (Online Only)	3		Varies
FIR 261 Building Construction (Online Only)	3		Varies
FIR 262 Fire Behavior & Combustion (Online Only)	3		Varies
FIR 263 Fire Service Safety & Wellness (Online Only)	3		Varies
FIR 264 Fire Prevention (Online Only)	3		Varies
FIR 265 Fire Protection Systems (Online Only)	3		Varies
FIR 280 Legalities in the Fire Service (Online Only)	3		Varies
FIR 281 Fire Service Administration (Online Only)	3		Varies
FIR 282 Strategy and Tactics (Online Only)	3		Varies

## FESHE Track (18 Total Credit Hours) Core Courses

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

### FESHE Elective Courses

Courses	Cr	Grade	Offered
FIR 280 Legalities in the Fire Service (Online Only)	3		Varies
FIR 281 Fire Service Administration (Online Only)	3		Varies
FIR 282 Strategy and Tactics (Online Only)	3		Varies

## Notes

- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.
- **EKU Transfer Information:** EKU currently offers (3) Bachelor's Programs: Fire, Arson, Explosion and Investigation; Fire Protection & Safety Engineering Technology; and, Fire Protection Administration. Students wishing to transfer credit to EKU should contact an advisor during their first semester of coursework. An EKU advisor may be reached at: [onlinedegrees@eku.edu](mailto:onlinedegrees@eku.edu)
- COM 181 or COM 252 also recommended for EKU transfer.



- \* Other general education courses and electives may transfer depending on which bachelor's program a student is seeking; however, there is a requisite amount of credit hours that must be completed and an upper division hours requirement that must be met at ECU. Consult an ECU advisor before enrolling.
- \*\* This course can only be counted once for a total of 3 credit hours – either as a part of the required coursework or an elective.

Updated 3/15/22

