

# FIRE SCIENCE TECHNOLOGY - AAS

**Offered at:** Big Sandy Community and Technical College, Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Gateway Community and Technical College, Hopkinsville Community College, Jefferson Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Owensboro Community and Technical College, Somerset Community College, Southcentral Kentucky Community and Technical College, West Kentucky Community and Technical College

**Program Plan Number:** 4302037019

Course	Title	Credits
<b>General Education</b>		
Heritage/Humanities		3
Quantitative Reasoning		3
Natural Sciences		3
Social/Behavioral Sciences		3
Written Communication		3
Subtotal		15
<b>Technical or Support Courses</b>		
<i>Core Technical Courses</i>		
Digital Literacy Course or demonstrated competency		0-3
FIR 101	Basic Firefighting I	3
FIR 102	Basic Firefighting II	3
FIR 103	Basic Firefighting III	3
FIR 104	Basic Firefighting IV	3
FIR 105	Fire Suppression	3
FIR 106	Intro to Special Responses	3
FIR 107	Intro to Rescue & Patient Care	3
Select one of the following two options:		6
<i>Option 1</i>		
FIR 230	Emergency Medical Technician	
<i>Option 2</i>		
FIR 215	Emergency Medical Responder	
FIR 200-Level Elective		
Subtotal		27-30
<i>Electives</i>		
Select 18-19 credit hours from the following 23 options:		18-19
FIR 198	Practicum	
FIR 202	Fire Instructor I	
FIR 203		
FIR 205	Fire Officer I	
FIR 206		
FIR 207	Fire Officer III	
FIR 208	Fire Officer IV	
FIR 210	Aircraft Rescue Firefighting	
FIR 212	Driver/Operator - Pumper	
FIR 213	Driver/Operator - Aerial	
FIR 215	Emergency Medical Responder	
FIR 220	Hazardous Materials Technician	

FIR 225	Special Topics in Fire Science	
FIR 240	Fire Inspector I	
FIR 260	Principles of Emergency Services	
FIR 261	Building Construction	
FIR 262	Fire Behavior and Combustion	
FIR 263	Fire Service Safety & Wellness	
FIR 264	Fire Prevention	
FIR 265		
FIR 280	Fire Service Legal Aspects	
FIR 281	Fire Service Administration	
FIR 282	Strategy and Tactics	
Subtotal		18-19
<b>Total Credits</b>		<b>60-64</b>

**Note:** All FIR courses are available in modules; see course description section.