#### BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

# Fire/Rescue Science Technology Associate in Applied Science

Academic Plan Code - 4302037019

### **Description:**

The fire/rescue training program offers classes at no cost to Kentucky volunteer fire departments, volunteer rescue squads, volunteer ambulance services, and members of paid departments who have written mutual aid agreements with volunteer departments across the Commonwealth. If a student wishes to pursue a diploma from the Fire/Rescue Curriculum, he/she will be given credit for training taken as a volunteer firefighter from technical college instructors. The specific course requirements for the associate degree, diplomas, and certificates are available from the Fire/Rescue Training Coordinators. Students who seek an associate degree or diploma must enroll in a technical college and pay the required fees for registration and core classes.

Course Number	Course Title	Credit Hours
	General Education Core	
	Heritage/Humanities	3
	Mathematics	3
	Science	3 -4
	Social Interaction	3
	Writing/Accessing Information	3
	Subtotal Credit Hours	15-16
	Technical Core or Support Courses	
CPU100	Introduction to Computers <b>OR</b>	3
CIS100	Introduction to Computers	(3)
FRS101	Introduction to Fire Service	3
FRS102	Firefighters Basic Skills I	3
FRS103	Firefighters Basic Skills II	3
FRS104	Firefighters Intermediate Skills I	3
FRS105	Firefighters Intermediate Skills II	3
FRS201	Firefighters Advanced Skills I	3
FRS202	Firefighters Advanced Skills II	3
FRS203	Firefighters Advanced Skills III	3
FRS204	EMT First Responder	3
FRS205	Fire Officer I	5
FRS206	Fire Officer II	8
FRS207	Fire Officer III	6
	Subtotal Credit Hours	49
	Total Credit Hours	64-65

# Fire/Rescue Science Technology Fire Chief Technology Diploma

Academic Plan Code - 4302034039

#### **Description:**

The fire/rescue training program offers classes at no cost to Kentucky volunteer fire departments, volunteer rescue squads, volunteer ambulance services, and members of paid departments who have written mutual aid agreements with volunteer departments across the Commonwealth. If a student wishes to pursue a diploma from the Fire/Rescue Curriculum, he/she will be given credit for training taken as a volunteer firefighter from technical college instructors. The specific course requirements for the associate degree, diplomas, and certificates are available from the Fire/Rescue Training Coordinators. Students who seek an associate degree or diploma must enroll in a technical college and pay the required fees for registration and core classes.

Course Number	Course Title	Credit Hours
CPU100	Introduction to Computers OR	3
CIS100	Introduction to Computers	(3)
EFM100	Personal Financial Management	3
FRS101	Introduction to Fire Service	3
FRS102	Firefighters Basic Skills I	3
FRS103	Firefighters Basic Skills II	3
FRS104	Firefighters Intermediate Skills I	3
FRS105	Firefighters Intermediate Skills II	3
FRS201	Firefighters Advanced Skills I	3
FRS202	Firefighters Advanced Skills II	3
FRS203	Firefighters Advanced Skills III	3
FRS204	EMT First Responder	3
FRS205	Fire Officer I	5
FRS206	Fire Officer II	8
FRS207	FIRE OFFICER III	6
WPP200	Workplace Principles	3
	Total Credit Hours	55

## Fire/Rescue Science Technology Certificates

Number   Course Title   Hours	Course	Course Title	Credit
	Number		Hours

## Firefighter I

Plan Code - 4302033019

FRS101	Introduction to Fire Service	3
FRS102	Firefighters Basic Skills I	3
FRS103	Firefighters Basic Skills II	3
FRS104	Firefighters Intermediate Skills I	3
	Total Credit Hours	12

### Firefighter II

Plan Code - 4302033029

FRS101	Introduction to Fire Service	3
FRS102	Firefighters Basic Skills I	3
FRS103	Firefighters Basic Skills II	3
FRS104	Firefighters Intermediate Skills I	3
FRS105	Firefighters Intermediate Skills II	3
FRS201	Firefighters Advanced Skills I	3
FRS202	Firefighters Advanced Skills II	3
FRS203	Firefighters Advanced Skills III	3
	Total Credit Hours	24

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## Fire Officer

Academic Plan Code -

FRT152	Fire Prevention Public Education and	0.5
	Fire Cause Determination II	
FRT153	Firefighter Survival & Rescue	1.1
FRT154	Hazardous Materials Technician	3.4
FRT156	Managing Company Tactical	1
	Operations: Decision Making	
FRT157	Instructional Techniques for	1
	Company Officers	
FRT158	Company Officer	3.5
FRT159	Incident Command System (ICS)	0.9
FRT160	Leadership Strategies For Company	0.8
	Success	
FRT161	Fire/Arson Detection	0.8
	Total Credit Hours	13

### **Emergency Medical Technology**

Academic Plan Code - 5109042010

FRT155	Emergency Medical Technician	6
	Total Credit Hours	6

Students in the EMT Program are instructed in the proper care of sick and injured patients. The student is trained in emergency situations such as broken bones, heart attack, puncture wounds, vehicle accidents, etc.\*\* Successful completion of this course prepares the student for the EMT skills test administered by the Cabinet for Human Services. This training is also provided to fire/rescue and other emergency service personnel, industries, institutions, and government agencies.

\*\* Certification comes from the Cabinet of Health Services upon testing.