

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.

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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

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 OR	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
Certificates**

Course Number	Course Title	Credit 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

Course Number	Course Title	Credit Hours
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

**Fire/Rescue Science Technology
Fire Chief Technology Diploma**

Academic Plan Code - 4302034039

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(Courses are listed by category and not necessarily in the order to be taken)

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Fire Officer

Academic Plan Code -

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