

**BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE**

**Homeland Security/Emergency  
Management  
Associate of Applied Science  
Available Spring 2009**

Academic Plan Code -

**Description:**

The degree program includes an overview of homeland security, emergency management and first responder agencies, including but not limited to: Fire Departments, Law Enforcement, and Medical Services and how these agencies function within the National Incident Management System.

**Fire Science Option:**

This degree option includes fire department organization, fire behavior, firefighter safety, personal protective equipment, portable fire extinguishers, fire hose, appliance and streams.

**Criminal Justice Option:**

This criminal justice degree option prepares the student for entry into the field of police work and related occupations. Criminal justice vocations have evolved from jobs with minimal requirements to jobs requiring complex knowledge and skills. This curriculum gives the student theory, principles, and techniques employed by criminal justice agencies and police units. The study of the law as it relates to criminal justice agencies, human behavior, government, and communications along with specialized course work comprise the curriculum.

**Security Management Option:**

The Security Management Coordinator degree option provides a comprehensive overview of physical security policies, procedures and techniques. Topics covered are perimeter protection, intrusion detection, access control, CCTV, security design and surveys, contingency planning, and acts of violence.

**Homeland Security/Emergency Management Specialist Certificate:**

This certificate program includes an overview of homeland security, emergency management and first responder agencies, including but not limited to: fire departments, law enforcement and emergency medical services and how these agencies function within the National Incident Management System.

Progression in the program is contingent upon achievement of a grade of "C" or better in each course.

Course Number	Course Title	Credit Hours
<b>General Education Core</b>		
	Writing/Accessing Information	3
	Mathematics	3
	Science	3
	Social Interaction	3
	Heritage/Humanities/Foreign Language	3
	Oral Communications	3
	Computer Literacy: Note: Computer Literacy must be demonstrated by competency exam or by completing a computer literacy course	0-3
	<b>General Education Subtotal</b>	<b>18-21</b>
<b>Technical Core or Support Classes</b>		
HSEM 100	Introduction to Homeland Security	3
HSEM 110	Introduction to Emergency Management	3
HSEM 225	Issues and Ethics in Homeland Security	3
LSI 120	Comprehensive Security Specialist OR	4
CJ 110	Principles of Asset Protection	(3)
LSI 146	Crisis Management/Contingency Planning OR	2
CJ 210	Physical Security Technology and Systems	(3)
CJ 220	Computer Forensics	3
AHS 140	Introduction to Public and Community Health	3
BA 212	Introduction to Financial Management	3
FRS 204	EMT First Responder	3
**	Fire Science Technology in Homeland Security: See Individual course listing below.	6
	<b>Technical Core Subtotal</b>	<b>32-34</b>
**	Fire Science in Homeland Security Courses	(6)
FRS 1011	Fire Department Organization I	0.7
FRS 1012	Fire Behavior I	0.3
FRS 1013	Firefighter Safety I	0.4
FRS 1014	Personal Protective Equipment I	0.8
FRS 1024	Rescue I	0.4
FRS 1027	Emergency Disaster Planning I	0.1
FRS 1041	Water Supply I	0.4
FRS 1045	Fire Alarms & Communications I	0.2
FRS 1046	Hazardous Materials Awareness	0.5
FRS 1047	Hazardous Materials Operations	1.1
FRS 1048	Sprinklers I	0.2
FRS 2072	Incident Command System (ICS)	0.9
<b>Fire Science Option</b>		
FRS 1015	Portable Fire Extinguishers I	0.2
FRS 1016	Fire Hose, Appliances and Streams I	0.5
FRS 1021	Ropes I	0.2

**BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE**

FRS 1022	Ladders I	0.6
FRS 1023	Aircraft Rescue	0.4
FRS 1025	First Aid	0.3
FRS 1026	Blood Borne Pathogens	0.3
FRS 1028	Forcible Entry I	0.2
FRS 1029	CPR	0.5
FRS 1042	Foam Fire Streams I	0.2
FRS 1043	Salvage I	0.3
FRS 1044	Overhaul I	0.1
FRS 103	Firefighters Basic Skills II	3.0
FRS 105	Firefighters Intermediate Skills II	3.0
FRS 201	Firefighters Advanced Skills I	3.0
	Elective	0.2
	<b>Fire Science Option Subtotal</b>	<b>13</b>
	<b>Fire Science Option Total</b>	<b>63-68</b>
<b>Criminal Justice Option</b>		
CJ 204	Criminal Investigations	3
CJ 215	Police Patrol	3
CJ 217	Criminal Procedures	3
CJ 279	Terrorism and Political Violence	3
	<b>Criminal Justice Option Subtotal</b>	<b>12</b>
	<b>Criminal Justice Option Total</b>	<b>62-67</b>
<b>Security Management Option</b>		
LSI 101	Perimeter Security	2
LSI 103	Closed Circuit Television Systems (CCTV)	2
LSI 107	Intrusion Detection	2
LSI 110	Security Surveys	2
LSI 125	Supply Chain Security	2
LSI 127	Cargo Crime	2
	<b>Security Management Option Subtotal</b>	<b>12</b>
	<b>Security Management Option Total</b>	<b>62-67</b>

LSI 146	Crisis Management/Contingency Planning OR	2
CJ 210	Physical Security Technology and Systems	(3)
AHS 140	Introduction to Public and Community Health	3
FRS 204	EMT First Responder	3
**	Fire Science Technology in Homeland Security: See Individual course listing below.	6
	<b>HSEM Specialist Certificate</b>	<b>27</b>
**	Fire Science in Homeland Security Courses	(6)
FRT 1011	Fire Department Organization I	0.7
FRT 1012	Fire Behavior I	0.3
FRT 1013	Firefighter Safety I	0.4
FRT 1014	Personal Protective Equipment I	0.8
FRT 1024	Rescue I	0.4
FRT 1027	Emergency Disaster Planning I	0.1
FRT 1041	Water Supply I	0.4
FRT 1045	Fire Alarms & Communications I	0.2
FRT 1046	Hazardous Materials Awareness	0.5
FRT 1047	Hazardous Materials Operations	1.1
FRT 1048	Sprinklers I	0.2
FRT 2072	Incident Command System (ICS)	0.9

## Homeland Security/Emergency Management Specialist Certificate:

Academic Plan Code -

**Description:**

This certificate program includes an overview of homeland security, emergency management and first responder agencies, including but not limited to: fire departments, law enforcement and emergency medical services and how these agencies function within the National Incident Management System.

Course Number	Course Title	Credit Hours
HSEM 100	Introduction to Homeland Security	3
HSEM 110	Introduction to Emergency Management	3
HSEM 225	Issues and Ethics in Homeland Security	3
LSI 120	Comprehensive Security Specialist OR	4
CJ 110	Principles of Asset Protection	(3)