

Law, Public Safety, Corrections and Security: Emergency and Fire Management Services Career Pathway Plan of Study for ▶ Learners ▶ Parents ▶ Counselors ▶ Teachers/Faculty

This Career Pathway Plan of Study (based on the Emergency and Fire Management Services Pathway of the Law, Public Safety, Corrections and Security Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for Emergency and Fire Management Services Pathway	SAMPLE Occupations Relating to This Pathway
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>								
SECONDARY	9	English/ Language Arts I	Algebra I	Earth or Life or Physical Science	State History Civics	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Certain local student organization activities are also important including public speaking, record keeping and work-based experiences.	<ul style="list-style-type: none"> • Introduction to Law, Public Safety, Corrections and Security Careers • Information Technology Applications • Principles of Emergency and Fire Services • Safety, Health and Environmental Issues 	<ul style="list-style-type: none"> ▶ Dispatcher ▶ Emergency Management and Response Coordinator ▶ Emergency Planning Manager ▶ EMT ▶ Fire Fighter ▶ Forest Fire Fighter ▶ Forest Fire Inspector and Investigator ▶ Hazardous Materials Responder ▶ Manager/Supervisor of Fire Fighters or Forest Fire Fighters ▶ Rescue Worker ▶ Training Officer
	10	English/ Language Arts II	Geometry	Biology	U.S. History Psychology			
	11	English/ Language Arts III	Algebra II	Chemistry	World History			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English/ Language Arts IV Technical Writing	Statistics or other math course	Physics or Forensic Science	Sociology	<ul style="list-style-type: none"> • Careers in Emergency and Fire Management Services • Firefighter/EMT Training 		
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>								
POSTSECONDARY	Year 13	English Composition English Literature	Algebra	Chemistry	American Government Psychology	All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include. Physical Education courses and/or activities are critical in this career pathway.	<ul style="list-style-type: none"> • Emergency and Fire Management Communications • Administration of Emergency Services • Maintenance and Operation of Emergency Equipment • Continue Courses in the Area of Specialization • Complete Emergency and Fire Services Major (4-Year Degree Program) 	
	Year 14	Speech/ Oral Communication	Computer Applications	Biological Science Industrial Chemistry	American History Sociology			
	Year 15				Political Science Economics			
	Year 16	Continue courses in the area of specialization.						

Creating Your Institution's Own Instructional Plan of Study

With a team of partners (secondary/postsecondary teachers and faculty, counselors, business/industry representatives, instructional leaders, and administrators), use the following steps to develop your own scope and sequence of career and technical courses as well as degree major courses for your institution's plan of study.

- 1** Crosswalk the Cluster Foundation Knowledge and Skills (available at <http://www.careerclusters.org/goto.cfm?id=93>) to the content of your existing secondary and postsecondary programs/courses.
- 2** Crosswalk the Pathway Knowledge and Skills (available at <http://www.careerclusters.org/goto.cfm?id=56>) to the content of your existing secondary/postsecondary programs and courses.
- 3** Based on the crosswalks in steps 1 and 2, determine which existing programs/courses would adequately align to (cover) the knowledge and skills. These programs/courses would be revised to tighten up any alignment weaknesses and would become a part of a sequence of courses to address this pathway.
- 4** Based on the crosswalks in steps 1 and 2, determine what new courses need to be added to address any alignment weaknesses.
- 5** Sequence the **content** and **learner outcomes** of the existing programs/courses identified in step 3 and new courses identified in step 4 into a course sequence leading to preparation for all occupations within this pathway. (See list of occupations on page 1 of this document.)
- 6** The goal of this process would be a series of courses and their descriptions. The names of these courses would be inserted into the *Career and Technical Courses* column on the Plan of Study on page 1 of this document.
- 7** The SAMPLE on page 4 is a **sample result** of steps 1-6, and these course titles are inserted into the Plan of Study on page 1 of this document.
- 8** Crosswalk your state academic standards and applicable national standards (e.g., for mathematics, science, history, language arts, etc.) to the sequence of courses formulated in step 6.

Below are suggested courses that could result from steps 1-6 above. However, as an educational institution, course titles, descriptions and the sequence will be your own. This is a good model of courses for you to use as an example and to help you jump-start your process. Course content may be taught as concepts within other courses, or as modules or units of instruction.

The following course is based on the Cluster Foundation Knowledge and Skills found at <http://www.careerclusters.org/goto.cfm?id=93>. These skills are reinforced through participation in student organization activities.

#1

Introduction to Law, Public Safety, Corrections and Security Careers: This course is designed to give students an overview and history of careers in the field of Law, Public Safety, Corrections and Security. Areas of study include but are not limited to corrections services, emergency and fire management services, security and protective services, law enforcement services and legal services. A job-shadowing component is included, and this course gives the student a strong foundation for the Law, Public Safety, Corrections and Security pathways. This may be taught as a career exploration course in conjunction with other foundation Career Cluster courses.

The following course is based on the Cluster Foundation Knowledge and Skills as well as the Pathway Knowledge and Skills found at <http://www.careerclusters.org/goto.cfm?id=56>. These skills are reinforced through participation in student organization activities.

#2

Information Technology Applications: Students will practice ethical use of technology tools to manage personal schedules and contact information, create memos and notes, prepare simple reports and other business communications, manage computer operations and file storage, and use electronic mail and Internet applications to communicate, search for and access information.

The following courses expose students to Pathway Knowledge and Skills found at <http://www.careerclusters.org/goto.cfm?id=56> and should include appropriate student activities. Appropriate concepts may be added as needed to meet various certification standards.

#3

Principles of Fire and Emergency Services: Students will commit to the missions of emergency and fire services, which are to save lives and to protect property. Students will practice response procedures in order to respond to small and catastrophic emergency incidents and study laws, ordinances, regulations and organizational rules that define guidelines that govern emergency fire management. Students will compare career fields and related careers to develop a personal perspective and an institutional professional growth plan to develop team building and leadership skills.

#4

Safety, Health and Environmental Issues: Students will study local, state and federal regulations pertaining to safety issues. Course content will include basic anatomy and physiology with students becoming certified in first aid and CPR and learning about the safe handling and transportation of hazardous materials including learning the icons and codes required to recognize materials marked hazardous.

#5

Careers in Emergency and Fire Management Services: This course reviews the history and employment opportunities in fire and other emergency management services. Students will study the roles and responsibilities of individuals employed in these occupations, interdepartmental relationships, management of buildings and equipment, and safety procedures and techniques used in providing emergency services. A work-based experience component is provided.

#6

Firefighter/EMT Training: This course prepares students to sit for the national registry examination for EMT I (Basic) and for testing as a Level I Firefighter. Students will receive formal training in firefighting, emergency medical techniques, hazardous material awareness, rescue techniques and terrorism awareness training.

#7

Emergency and Fire Management Communications: Students will develop skills to speak, write, and use equipment professionally to communicate effectively. This includes learning to operate radio communication systems, to convey and receive information, to apply emergency response skills to manage an incident scene as a first responder, and to maintain and use information technology to manage emergency situations.

#8

Administration of Emergency Services: In this advanced course, students will develop and implement an appropriate Incident Command System to identify the elements of emergency scene evaluation, establish priorities to determine actions and manage logistics procedures at the incident. Students will recognize situations with unusual needs and practice public relations.

#9

Management and Operation of Emergency Equipment: Students will develop response skills to handle emergency situations from minor medical and fire emergencies to area-wide incidents. Other content includes studying operational and repair requirements to maintain equipment in an in-service condition for all emergencies, with specific application to the identification and use of fire service equipment.

Notes

A large area for taking notes, consisting of alternating horizontal stripes of light blue and light yellow.