

Academy of Medical, Health, & Public Services

EMERGENCY MEDICAL SERVICES PATHWAY (198)

Course Type	Course Code	Course Title	Course Description	Post Secondary Connection
Introductory Course	IS102/103	College and Career Essentials	College and Career Readiness is a year-long course is designed to help students learn and practice valuable skills to help them to be career and college ready. Students will demonstrate their understanding of career paths through a variety of assessments, project, job simulations, speeches, research assignments, online portfolio, and a research paper. Students will identify academic interest, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college and job search tools, strengthen writing skills, learn goal setting, solidify research techniques, and write a research paper utilizing correct MLA format.	
Concentrator	IS522/523	Medical Terminology	By the end of the course, students will be able to identify, spell, pronounce and define root words, prefixes and suffixes common to medical careers. The student will also be able to use common abbreviations and appropriate reference materials.	Articulation Agreement: SBVC A-G Approved
Capstone Course I	O488/489	CTE First Responder	This course provides students with the knowledge and skills to take appropriate action as the first responder to an emergency scene. This course provides instruction in systems and structures of surface anatomy and key principles of physiology. The basic functions of the nervous system, cardiovascular system, and the respiratory system are presented. Students will perform an assessment of a patient's vital functions. Certified First Responder (CFR) is a required skill for entry-level firefighter positions. Upon successful completion of the course, students will receive a National Safety Council First Responder Card and American Red Cross Card, CPR (Cardiopulmonary Resuscitation) for the Professional.	
Capstone Course II	IS502	Emergency First Responder	This course provides students with the knowledge and skills to take appropriate action as the first responder to an emergency scene. This course provides instruction in systems and structures of surface anatomy and key principles of physiology. The basic functions of the nervous system, cardiovascular system, and the respiratory system are presented. Students will perform an assessment of a patient's vital functions. Certified First Responder (CFR) is a required skill for entry-level firefighter positions. Upon successful completion of the course, students will receive a National Safety Council First Responder Card and American Red Cross Card, CPR (Cardiopulmonary Resuscitation) for the Professional.	
	IS528/529	Pharmacology	This course provides a foundation for the use of medications across multiple health care professions. It focuses on a general understanding of the actions and use of various groups of pharmacologic agents. Included in the course is an overview of medications, the effect on different organ systems and the disease process, therapeutic effects, drug calculations, anatomy and physiology, and medical terminology. The course is designed to prepare students to further their education in multiple health care fields.	A-G Approved

