



Introduction to Emergency Medical Services

Career Cluster	Health Science
Course Code	14055
Prerequisite(s)	Medical Terminology recommended
Credit	1.0
Program of Study and Sequence	Cluster course – Introduction to Emergency Medical Services – other pathway courses in the Therapeutic Services pathway or capstone experience
Student Organization	Future Health Professionals (HOSA), Skills USA
Coordinating Work-Based Learning	Workplace tours, job shadowing, mentoring, service learning, internship
Industry Certifications	First Aid/Cardiopulmonary Resuscitation (CPR)/Automated External Defibrillator (AED)/First Aid through American Red Cross or American Heart Association as appropriate
Dual Credit or Dual Enrollment	https://sdmylife.com/images/Approved-CTE-Dual-Credit.pdf
Teacher Certification	Health Science Cluster Endorsement; Therapeutic & Support Services Pathway Endorsement; * Health Science Education
Resources	American Red Cross: www.redcross.org , American Heart Association www.heart.org

Important: In order for students to be able to sit for the EMT Exam after this course it is highly encouraged that districts and teachers work with their local healthcare industry partners and the SD Department of Health to ensure that all criteria for eligibility are met. Licensed personnel will need to be involved in teaching this course in order to assure meeting industry certification requirements.

Course Description

Introduction to Emergency Medical Services is designed to expose students to the various career opportunities in the Emergency Medical Services field. Emergency care services are necessary for the safety of the community. A network of services are coordinated to provide aid and medical assistance from primary response to definitive care, involving personnel trained in the rescue, stabilization, transportation, and advanced treatment of traumatic or medical emergencies. Potential career opportunities may include emergency medical dispatch, first medical responder, ambulance personnel, medium and heavy rescue equipment, and paramedic units. Upon completion of this course, students will be trained in First Aid, Cardiopulmonary Resuscitation (CPR) and Automatic External Defibrillator (AED).

Program of Study Application

Introduction to Emergency Medical Services is a pathway course in the Health Science career cluster, Therapeutic Services pathway. The course would follow participation in one or more cluster courses and/or Gateway to Certified Nursing Assistant. Introduction to Emergency Medical Services would prepare a student to participate in further pathway courses in the Therapeutic Services pathway or a capstone experience.

Course Standards

EMS 1: Explore roles, responsibilities, and professionalism of Emergency Medical Services (EMS) personnel.

<i>Webb Level</i>	<i>Sub-indicator</i>
Two Skill/Concept	EMS 1.1 Distinguish differences among careers within EMS and explain in detail the education level, credentialing/licensure requirements.
Three Strategic Thinking	EMS 1.2 Demonstrate emotional support to patient, bystanders, or other responders.
Three Strategic Thinking	EMS 1.3 Investigate medical and legal standards in correlation with the Health Insurance Portability & Accountability Act (HIPAA).
Four Extended Thinking	EMS 1.4 Apply concepts related to professional attitude and appearance.

EMS 2: Demonstrate skills in first aid, cardiopulmonary resuscitation (CPR) and automated external defibrillation (AED) certification standards set by the American Heart Association or the American Red Cross.

<i>Webb Level</i>	<i>Sub-indicator</i>
Two Skill/Concept	EMS 2.1 Understand how to perform First Aid for Students and/or CPR for Students and/or how to use an AED.

EMS 3: Determine the necessity of emergency medical care for a variety of patients with varied medical conditions.

<i>Webb Level</i>	<i>Sub-indicator</i>
Two Skill/Concept	EMS 3.1 Identify emergency medical treatment protocol.