Emergency Services

Emergency Services is a one-credit course that introduces students to the emergency medical profession. Course content emphasizes safety, human structure and function, assessment of emergency clients, ethical behavior, and emergency care procedures. Foundations of Health Science is the prerequisite for this course. Upon successful completion of this course, students may choose to continue studies in Advanced Health Seminar or Work-Based Experience Seminar.

Career and technical student organizations are integral, cocurricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Career Opportunities

Students will:

1. Compare roles and responsibilities of emergency medical personnel.
   Examples: emergency medical technician (EMT), paramedic, registered nurse

2. Demonstrate workplace readiness skills in emergency medicine.
   Examples: well-being of the EMT, positive personal qualities and interpersonal skills, acute assessment skills to act promptly, ability to manifest leadership skills to manage a situation, demonstration of teaching skills to direct others in an emergency situation

Communication Skills

3. Describe an initial assessment of emergency clients.

4. Describe various communication skills used in an emergency situation.
   Examples: documentation, interpretation of medical orders

Safety

5. Assess safe practices in emergency medical situations.
   Examples: evaluating scene, lifting and moving client, using standard precautions

Legal and Ethical

6. Describe legal and ethical behaviors required for emergency situations.

7. Use mathematics concepts in emergency medical settings, including calculating fluid rates and drug dosage conversions.
Anatomy

8. Describe human structures and functions as they relate to emergency medical procedures.
   Example: respiratory system—maintaining an open airway

Medical Skills

9. Describe various skills required in emergency medical settings, including emergency birth,
   poisoning, drug overdose, shock, allergic reactions, and bleeding.

10. Identify common medications used in emergency situations.