Steel Center for Career and Technical Education

Public Safety

CIP 51.0904

Syllabus 2026-2027

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Course Description:

The Public Safety Program prepares students with the knowledge and skills to provide basic level emergency care in the pre-hospital setting. This course is aligned with the National EMS Education Standards for EMT as approved by the PA DOH. Students will learn emergency care for cardiac arrest, medical emergencies, trauma emergencies, patient assessment techniques, oxygen administration and pharmacology for emergency care, and EMS Operations. The primary focus of the Emergency Medical Technician is to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Emergency Medical Technicians function as part of a comprehensive EMS response, under medical oversight. Emergency Medical Technicians perform interventions with the basic equipment typically found on an ambulance. The Emergency Medical Technician is a link from the scene to the emergency health care system. EMS personnel are unique health care professionals in that they provide medical care and transportation in an out-of-hospital setting with medical oversight. EMS personnel are not independent practitioners. While the practice is not independent, it is relatively unsupervised and often has little backup. Therefore, EMS personnel must be able to exercise considerable judgment, problem-solving, and decision-making skills. EMS personnel respond and provide care to the patient in the setting in which the patient became ill or injured, including the home, field, work, industrial, and recreational settings.

This is a cognitively demanding program that is heavily weighted in theory work. The majority of class time is spent listening to lecture, reading, taking notes, and completing rigorous written assignments. It should be noted that this class is fast-paced, often covering multiple chapters per week. This is college-level material, which requires students to excel in reading, writing, synthesizing ideas, memorization, and critical thinking. This program is highly demanding and requires extensive focused training and studying, both in and out of class, to prepare for the National Registry of Emergency Medical Technicians certification exam. In addition, in the 12th grade, students are required to complete 10 patient contacts during ride-along shifts with local EMS agencies outside of school hours. Students are responsible for providing their own transportation to and from these shifts.

Qualifications for EMT Certification:

- Meet minimum state entry requirements and completion of all required documentation
- Meet requirements in regard to attendance, grades, all clinical and field patient contacts
- Successfully complete all certification examinations
- Have a valid verification of skill form signed

Competencies:

Students must demonstrate competency in handling emergencies utilizing basic life support equipment in accordance with the objectives in the National Highway Traffic Safety Administration EMS Education Standards for EMT including having the ability to:

- Verbally communicate in person, via telephone, telecommunications and other electronic devices using the English language
- Hear and interpret spoken information from co-workers, patients, physicians and dispatchers and sounds common to the emergency scene
- Lift, carry and balance a minimum of 125 pounds equally distributed (250 pounds with assistance), a height of 33 inches, a distance of 10 feet
- Read and comprehend written material under stressful conditions
- Verbally interview patient, family members, bystanders and hears and interprets their responses
- Document physically in writing all relevant information in prescribed format
- Demonstrate manual dexterity and fine motor skills, with ability to perform all tasks related to quality patient care
- Bend, stoop, crawl and walk on uneven surfaces
- Meet minimum vision requirements to operate a motor vehicle within the state
- Function in varied environmental conditions such as lite or darkened work areas, extreme heat, cold, and moisture

Daily Required Materials:

- Uniform
    - Dark blue EMS pants
    - Black safety-toe duty boots
    - Public Safety shirt (t-shirt, sweatshirt, fleece, polo shirt)
    - Black duty belt
    - Watch with a second hand (smart watches not permitted)
- Pen/Pencil (blue or black ink only)
- Pocket-sized notebook
- 2 pair leather gloves
- Textbook (provided by Steel Center)
- Binder (distributed during the first week of school)

Industry Certifications Available to Students:

- National Registry Emergency Medical Technician
- American Heart Association CPR
- National Incident Management System (100, 200, 700, 800)
- Hazardous Materials Awareness

- Stop the Bleed
- Traffic Incident Management
- Swift Water Awareness
- Landing Zone Safety
- Ladder Safety
- Various FEMA certifications

Assessment and Evaluation:

All forms of assessment will be graded using the Steel Center Joint Operating Committee (JOC) approved grading scale:

90-100	A
80-89	B
70-79	C
60-69	D
0-59	E/F

Measures of Achievement:

Work Ethics (Daily) Grade – this grade accounts for 34% of the student's total nine-week grade. It is based on safety, student behavior, preparation/participation, productivity or time on task, professional uniform appearance, and extra effort. The grade range is 0 – 10. Failure to wear the required uniform will result in an automatic loss of 10 points.

Skills/Knowledge Grade – this grade accounts for 66% of the student's total nine-week grade. It is comprised of the evaluation and recording of lab activities that students are assigned each marking period. This grade will include, but not limited to, homework assignments, written assessments/assignments, presentations, quizzes, tests, mid-term and final exams and research activities.

Assignments/Timeline:

- Assignments are due at the beginning of the next school day unless otherwise specified. *Late work will only be considered in cases of excused absence or when a valid reason is discussed with me before the due date.* Extensions are granted at my discretion and only in exceptional circumstances.
- Written tests, quizzes, and/or practical assessments may be administered weekly.
- Random quizzes may be administered as needed.
- Final exams will include a written and practical assessment to mimic career and licensing testing.
- Timed assignments will be given for each chapter and/or unit.

Classroom/Shop Rules:

- Do not touch or operate equipment or supplies unless instructed to do so by a teacher.
- Long hair must be tied back and off the collar.
- Always be respectful to instructors, guests, aides, and other students.
- Be professional. Behavior should not distract the teacher or other students.
- Be seated at your desk, in uniform, and ready to begin class when the bell rings.
- **ALL** personal items must be locked in your locker during class hours.
    - ONLY items permitted at your desk: writing utensils, binder, textbook
- Bring all necessary materials to class each day.
    - Textbook, writing utensils, binder, uniform, pocket notebook
- No food permitted in the classroom or shop
- Beverages permitted at your desk only if they are in a sealed container that cannot leak or spill
- Obtain permission from the teacher before leaving the classroom.
- Use language appropriate for school (no swearing).
- Uniforms must be worn daily. Failure to do so will result in a loss of 10 daily grade points.
- Use proper body mechanics when lifting and moving equipment.
- Observe activities and demonstrations when you are not assigned a task.
- Students must complete their own work.
- Students will stay behind the red line until the bell at 9:45/10:00/10:15 and 2:00/2:30
- Report any damaged equipment or unsafe circumstances to the instructor immediately.
- Follow all school rules outlined in the Student Handbook.
- Use of cell phones and other electronic devices, including smart watches, is prohibited during class and labs. Cell phones must remain locked in the Cell Phone Locker during class.
- **Consequences:** (in no particular order)
    - Daily grade points reduction
    - Parent contact
    - Office referral
- Academic dishonesty will result in an automatic ZERO for the assignment, parent contact, and office referral.

SYLLABUS AND PROGRAM RULES

ACKNOWLEDGEMENT SHEET

FOR STUDENT:

With my signature, I acknowledge that I am fully aware of the rules, procedures, and expectations for my CTE program of study. I understand that my signature indicates awareness and not necessarily approval.

Student name: _____

Student signature: _____

Date: _____

FOR PARENT/GUARDIAN:

With my signature, I acknowledge that I am fully aware of the rules, procedures, and expectations for my child's CTE program of study. I understand that my signature indicates awareness and not necessarily approval.

Parent/Guardian signature: _____

Parent/Guardian signature: _____

Date: _____

Note: This document shall be filed and maintained by program instructors. Unsigned or unreturned signature sheets are noted and filed accordingly.

STEEL CENTER
FOR CAREER AND TECHNICAL EDUCATION

Cell Phone and Electronics Policy

In accordance with the 2025-26 Student Handbook, the use of cell phones, smart watches, headphones, and all other electronic devices is strictly prohibited within the Public Safety classroom. These items are to be kept inside of your assigned cell phone locker and secured with the lock provided by Steel Center during the entire class period unless otherwise instructed. Failure to do so will result in the loss of daily grade points and progressive disciplinary action up to out of school suspension. Please sign and return this form to acknowledge that you have read and understand the policy.

Student: _____ Date: _____

Parent/Guardian: _____ Date: _____