

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2026-2027



TECHNICAL CERTIFICATE PLAN
EMS (EMERGENCY MEDICAL SERVICES)

Degree Code: 4525; CIP Code: 51.0904

All technical certificate-seeking students must meet the freshman assessment and placement requirements. If deficiencies exist, the student must complete the required CPT courses.

A 2.0 GPA is required for graduation from the Technical Certificate in EMS program.

ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.

This program is designed to prepare students for a variety of positions in the field of paramedic healthcare. Students should work with their advisor to design an individualized program of study in order to meet specific career goals.

Program Learning Outcomes for the TC EMS (Emergency Medical Services) Program

1. Demonstrate integrated pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma, medical, neonatal, pediatric, geriatric, diverse, and chronically ill patients and patients with common complaints.
2. Demonstrate understanding of the anatomy and physiology of body systems.
3. Demonstrate appropriate use of medical terminology.

In addition to these program-specific outcomes, students completing the following general education outcomes will have demonstrated proficiency in the following skills:

4. Applications of math and the natural sciences appropriate to the degree or field of study.
5. Composition and oral communication.
6. Evaluation of diverse perspectives and cultures through arts, humanities, and social sciences
7. Utilization of technology appropriate to the degree or field of study.

Name: _____
 Advisor: _____

Date: _____
 Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education (15 credit hours)			
CSPI 10003	Computer Essentials	3	_____
ENGL 10103	Composition I (must earn a "C" or better)	3	_____
ENGL 10203	Composition II (must earn a "C" or better)	3	_____
MATH 10133	Applied Math or higher-level mathematics course	3	_____
PSYC 11003	Introduction to Psychology	3	_____
EMS Core (16 credit hours)			
Biology (4 credit hours)			
<i>(All body systems must be covered.)</i>			
BIOL 10074	Human Anatomy and Physiology for Healthcare Professions & Lab This course also fulfilled by successfully completing the combination of the two courses below: BIOL 24004 Human Anatomy and Physiology I & Lab <u>and</u> BIOL 24104 Human Anatomy and Physiology II & Lab.	4	_____
EMSC 10104	Emergency Medical Technician I	4	_____
EMSC 10105	Emergency Medical Technician II EMSC 10009 Emergency Medical Technician may be substituted for EMSC 10104 EMSC I <u>and</u> EMSC 10105 EMT II.	5	_____
ALHE 10503	Medical Terminology	3	_____

Program Total 31 Hours