

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.

2025-2026



**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.

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

1. Demonstrate a basic understanding 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 personal behaviors consistent with the professionalism and moral standards associated with a pre-hospital provider.
3. Demonstrate basic understanding of the anatomy and physiology of body systems.

In addition to these program-specific outcomes, students completing the following general education outcomes will have demonstrated a 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>
<b>General Education</b> (15 credit hours)			
CIS 1053	Computer Essentials	3	_____
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
MATH 1113	Applied Math or higher-level mathematics course	3	_____
PSY 2513	Introduction to Psychology	3	_____

**EMS Core** (16 credit hours)

**Biology** (4 credit hours)

*(All body systems must be covered.)*

BIOL 1024	Human Anatomy and Physiology for Healthcare Professions & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 1023 <u>and</u> BIOL 1021. <u>OR</u> by successfully completing: BIOL 2004 Human Anatomy and Physiology I & Lab <u>and</u> BIOL 2014 Human Anatomy and Physiology II & Lab.			
EMT 1014	Emergency Medical Technician I	4	_____
EMT 1015	Emergency Medical Technician II	5	_____
(EMT 1009 Emergency Medical Technician may be substituted for EMT 1014 EMT I <u>and</u> EMT 1015 EMT II).			
HSA 2013	Medical Terminology	3	_____

**Program Total 31 Hours**