

PARAMEDIC TECHNICIAN (DEGREE)

Overview

Paramedic Technician Associate of Applied Science Degree

Program Code: 10-531-1

For more information: wctc.edu/paramedic

Paramedics provide advanced-level care during medical emergencies. Their quick response and competent care may mean the difference between life and death for those who are injured, wounded or sick. In the degree program, learn to manage emergency patient care and treatment by performing comprehensive patient assessments, provide advanced cardiac life support, administer medications and perform interventions.

This program is for those who have already completed paramedic technical/core courses. For core paramedic courses and earning your National Registry/State License, please access the Paramedic Technician Technical Diploma (<https://www.wctc.edu/academics/programs-courses/programs/paramedic-technician-diploma>) program.

Build your degree along a career pathway. Start with a couple of courses or an entry-level credential to enter the job market in your area of interest, then continue with higher credentials on your educational path for job advancement and higher wages.

Career Pathway

1. EMS: Emergency Medical Technician Technical Diploma 5
2. EMS: Advanced EMT Technical Diploma 4
3. EMS: Paramedic Technician Technical Diploma 38
4. EMS: Paramedic Technician Associate Degree 66

Learning Outcomes

1. Prepare for incident response and EMS operations.
2. Integrate pathophysiological principles and assessment findings to provide appropriate patient care.
3. Demonstrate paramedic skills associated with established standards and procedures for a variety of patient encounters.
4. Communicate effectively with others.
5. Demonstrate professional behavior.
6. Meet state and national competencies listed for paramedic certification(s).

Required Courses

| Code | Title | Credits |
|---------------------|-------------------------------|---------|
| Core Courses | | |
| 531-911 | EMS Fundamentals | 2 |
| 531-912 | Paramedic Medical Principles | 4 |
| 531-913 | Patient Assessment Principles | 3 |
| 531-914 | Prehospital Pharmacology | 3 |
| 531-915 | Paramedic Respiratory Mgmt. | 2 |
| 531-916 | Paramedic Cardiology | 4 |
| 531-917 | Paramedic Clinical/Field 1 | 3 |
| 531-918 | Advanced Resuscitation | 1 |

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|--|-------------------------------|----|
| 531-919 | Paramedic Medical Emergencies | 4 |
| 531-920 | Paramedic Trauma | 3 |
| 531-921 | Special Patient Populations | 3 |
| 531-922 | EMS Operations | 1 |
| 531-923 | Paramedic Capstone | 1 |
| 531-924A | Paramedic Clinical/Field 2 | 3 |
| 531-924B | Paramedic Capstn Field Intern | 1 |
| General Studies | | |
| 801-136 | English Composition 1 | 3 |
| 801-196 | Oral/Interpersonal Comm | 3 |
| 804-107 | College Mathematics | 3 |
| Approved Substitutes: (804-304 and 804-305) or 804-115 or 804-116 or 804-118 or 804-195 or 804-198 | | |
| 806-177 | Gen Anatomy & Physiology | 4 |
| 806-178 | Life Science Chemistry | 5 |
| 806-179 | Adv Anatomy & Physiology | 4 |
| 809-197 | Contemporary Amer Society | 3 |
| or 809-196 | Intro to Sociology | |
| 809-199 | Psychology of Human Relations | 3 |
| or 809-198 | Intro to Psychology | |
| Total Credits | | 66 |

Full-time Plan

First Year

| First Semester | Credits | |
|----------------|-------------------------------|----|
| 531-911 | EMS Fundamentals | 2 |
| 531-912 | Paramedic Medical Principles | 4 |
| 531-913 | Patient Assessment Principles | 3 |
| 531-914 | Prehospital Pharmacology | 3 |
| 531-915 | Paramedic Respiratory Mgmt. | 2 |
| 531-916 | Paramedic Cardiology | 4 |
| 531-917 | Paramedic Clinical/Field 1 | 3 |
| Credits | | 21 |

Second Semester

| | | |
|----------|-------------------------------|----|
| 531-918 | Advanced Resuscitation | 1 |
| 531-919 | Paramedic Medical Emergencies | 4 |
| 531-920 | Paramedic Trauma | 3 |
| 531-921 | Special Patient Populations | 3 |
| 531-922 | EMS Operations | 1 |
| 531-923 | Paramedic Capstone | 1 |
| 531-924A | Paramedic Clinical/Field 2 | 3 |
| 531-924B | Paramedic Capstn Field Intern | 1 |
| Credits | | 17 |

Second Year

| First Semester | Credits | |
|--|--------------------------|----|
| 801-136 | English Composition 1 | 3 |
| 804-107 | College Mathematics | 3 |
| Approved Substitutes: 804-304 and 804-305, or 804-155 or 804-116 or 804-118 or 804-195 or 804-198 or 804-115 | | |
| 806-177 | Gen Anatomy & Physiology | 4 |
| 806-178 | Life Science Chemistry | 5 |
| Credits | | 15 |

Second Semester

| | | |
|-----------------------|---|----|
| 801-196 | Oral/Interpersonal Comm | 3 |
| 806-179 | Adv Anatomy & Physiology | 4 |
| 809-197 or 809-196 | Contemporary Amer Society or Intro to Sociology | 3 |
| 809-199 or 809-198 | Psychology of Human Relations or Intro to Psychology | 3 |
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| | Credits | 13 |
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| | Total Credits | 66 |