

# PARAMEDIC, COA

## Program Code: Paramedic-CoA

**Note:** This degree/certificate leads to professional licensure in Nevada. Licensing requirements vary by state/territory and relocating could impact whether you will meet eligibility requirements for licensure. If you do not live in Nevada and/or do not intend to seek employment in Nevada, then your application for admittance will be under review to determine eligibility for licensure in your state prior to acceptance into the program. Please visit our Professional Licensure Programs (<https://www.tmcc.edu/vpaa/professional-licensure-programs/>) page for full details on the State Authorization Reciprocity Agreement.

Prehospital Emergency Medicine Career Map (<https://sites.tmcc.edu/flipbook/career-maps/>)

## Program Description

The paramedic program is designed for the student who desires education and training with a career goal to become a Paramedic. The certificate of achievement from TMCC will be awarded after the student has completed all program and certificate requirements. This is a 12-15 month continuous program.

## Recommended Course Schedule

1st semester		Units
Communications <sup>1</sup>		3
EMS 204	Principles of Anatomy & Physiology for Paramedicine	4
<b>Semester Total</b>		<b>7</b>
2nd semester		Units
EMS 200	Fundamentals of Paramedic Medicine	3
EMS 205	Principles of Pathophysiology	3
EMS 206	Prin Pharmacology/Medication Admin/Venous Access	3
EMS 207	Airway Management and Ventilation for Paramedics	3
EMS 209	Patient Assessment for Paramedics	3
EMS 210	Principles of Cardiology for the Paramedic	3
<b>Semester Total</b>		<b>18</b>
3rd semester		Units
EMS 202	Advanced Cardiology for Paramedics	3
EMS 203	Paramedic Skills	3
EMS 211	Paramedic Care for Medical Emergencies	4
EMS 212	Paramedic Trauma Emergencies	3
EMS 214	Special Populations in Paramedicine	3
EMS 215	EMS Incident Management and Operations	3
EMS 216	Hospital Clinical Experience for the Paramedic	5
<b>Semester Total</b>		<b>24</b>
4th semester		Units
EMS 217	Field Internship for the Paramedic	5
<b>Semester Total</b>		<b>5</b>
<b>Total Units</b>		<b>54</b>

### Footnotes

<sup>1</sup> Choose one of the courses listed as recommended or from the list noted in the AAS general education requirements.

## Pre-Registration Requirements

Class requirements include State of Nevada EMT certified, 18 years of age or older, current AHA health care provider CPR card, medical insurance, proof of two-step negative TB Skin test or negative chest X-ray, current Tetanus/Diphtheria (TD), Hepatitis B (2nd in the series of 3), proof of 2 MMR (Measles, Mumps, Rubella), proof of Varicella (Chicken Pox), Background check receipt from [www.mystudentcheck.com](http://www.mystudentcheck.com) (<https://candidate.precheck.com/StudentCheck/?schoolid=16172>), 5 panel drug testing from ARC and current drivers license or state identification.

## Program Requirements

Certificates of Achievement can be a stepping stone to an associate degree or allow students to enter the workforce. Certificates of Achievement have a general education component.

To earn a Certificate of Achievement, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 semester credit hours within the college.
3. Satisfy General Education requirements for the Certificate of Achievement (<https://catalog.tmcc.edu/degrees-certificates/general-education/aas/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
<b>General Education Requirements</b>		
<i>Communications</i>		3
Recommended:		
ENG 101	Composition I	
or ENG 100	Composition Enhanced	
<i>Human Relations</i> <sup>3</sup>		(3)
Requirement is satisfied through embedded curriculum in the following courses: EMS 216 and EMS 217		
<i>Mathematics</i> <sup>2,3</sup>		(3)
Requirement is satisfied through embedded curriculum in the following courses: EMS 206, EMS 209, EMS 211		
<b>Certificate Requirements</b> <sup>1</sup>		
EMS 200	Fundamentals of Paramedic Medicine	3
EMS 202	Advanced Cardiology for Paramedics	3
EMS 203	Paramedic Skills	3
EMS 204	Principles of Anatomy & Physiology for Paramedicine	4
EMS 205	Principles of Pathophysiology	3
EMS 206	Prin Pharmacology/Medication Admin/Venous Access	3
EMS 207	Airway Management and Ventilation for Paramedics	3
EMS 209	Patient Assessment for Paramedics	3
EMS 210	Principles of Cardiology for the Paramedic	3

EMS 211	Paramedic Care for Medical Emergencies	4
EMS 212	Paramedic Trauma Emergencies	3
EMS 214	Special Populations in Paramedicine	3
EMS 215	EMS Incident Management and Operations	3
EMS 216	Hospital Clinical Experience for the Paramedic	5
EMS 217	Field Internship for the Paramedic	5
<b>Total Units</b>		<b>54</b>

- <sup>1</sup> All paramedic courses are taken in the sequence indicated in the course sequence section and a student must receive a grade of 80% or better in order to have completed the courses successfully. Certificate Requirement courses are required for the certificate of achievement.
- <sup>2</sup> In order to graduate with a Bachelor's degree, you will need MATH 120 or higher. Please see Bachelor's General Education Degree Requirements here: <http://catalog.tmcc.edu/degrees-certificates/general-education/aa-as/>
- <sup>3</sup> Embedded courses satisfy both the general education and degree requirements.

## Program Outcomes

Students completing the certificate will:

PSLO1: Explain and demonstrate the role and responsibilities of an EMS provider within an EMS system, effectively communicate with patients, peers, and other healthcare professionals, and manage a scene of an emergency, safely, with the understanding of the emergency medical system.

PSLO2: Assess and demonstrate how to manage the airway of a diverse population including how to maintain proper ventilation and oxygenation of each of those patients in both a medical and trauma condition.

PSLO3: Determine and manage a diverse patient population based on their presenting clinical signs and symptoms using appropriate patient assessment techniques, by formulating impressions and implementing a treatment plan in both a medical and trauma situation.

PSLO4: Analyze patient medical and trauma conditions and manage those patients using pathophysiological principles and pharmacological interventions.

PSLO5: Identify and demonstrate how to safely drive an emergency vehicle, identify and apply an incident command system in a disaster, and recognize the concepts of rescuing a patient, hazardous materials, and crime scene management.