

PREHOSPITAL EMERGENCY MEDICINE, AAS

Program Code: Prehospital Emerg Medicine-AAS

Program Description

Associate of Applied Science, Prehospital Emergency Medicine program is designed to provide students with the necessary training in cognitive, psychomotor, and affective behaviors to provide advanced life support in the prehospital setting and to provide the necessary coursework to be licensed in the State of Nevada and nationally certified. This limited entry program offers a comprehensive and in-depth study of advanced life support skills which include pharmacology, advanced airway management procedures and skills, ECG interpretation and electrical therapy for specified cardiac patients. Associate degree recipients may see improved opportunity for managerial, clinical or educational advancement after sufficient field experience is obtained. The Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the committee of educational programs for the emergency medical services professions (CoAEMSP).

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

Commission on Accreditation of Allied Health Education Programs
1361 Park Street
Clearwater, FL 33756
727-210-2350

Recommended Course Schedule

Paramedic Traditional Program

| 1st semester | | Units |
|---|---|-----------|
| Fine Arts/Humanities/Social Science/Diversity | | 3 |
| US and Nevada Constitution | | 3 |
| Communications | | 3 |
| Semester Total | | 9 |
| 2nd semester | | |
| English | | 3 |
| EMS 204 | Principles of Anatomy & Physiology for Paramedicine | 4 |
| Semester Total | | 7 |
| 3rd semester | | |
| EMS 200 | Fundamentals of Paramedic Medicine | 4 |
| EMS 205 | Principles of Pathophysiology | 4 |
| EMS 206 | Prin Pharmacology/Medication Admin/Venous Access | 4 |
| EMS 207 | Airway Management and Ventilation for Paramedics | 4 |
| EMS 209 | Patient Assessment for Paramedics | 4 |
| EMS 210 | Principles of Cardiology for the Paramedic | 4 |
| Semester Total | | 24 |

4th semester

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| EMS 202 | Advanced Cardiology for Paramedics | 3 |
| EMS 203 | Paramedic Skills | 3 |
| EMS 208 | Paramedic Practicum (Required for traditional paramedic program students.) | 2 |
| 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 |
| Semester Total | | 26 |

5th semester

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|-----------------------|------------------------------------|-----------|
| EMS 217 | Field Internship for the Paramedic | 5 |
| Semester Total | | 5 |
| Total Units | | 71 |

Paramedic Hybrid Program

| 1st semester | | Units |
|--|---|-----------|
| Fine Arts/Humanities/Social Science/Diversity | | 3 |
| US and Nevada Constitution | | 3 |
| Communications | | 3 |
| Elective | | 2 |
| ENG 101 | Composition I | 3 |
| or ENG 100 or Composition Enhanced | | |
| or Composition I for International and Multilingual Students | | |
| or ENG 113 | | |
| Semester Total | | 14 |
| 2nd semester | | |
| EMS 200 | Fundamentals of Paramedic Medicine | 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 209 | Patient Assessment for Paramedics | 3 |
| Semester Total | | 16 |
| 3rd semester | | |
| EMS 210 | Principles of Cardiology for the Paramedic | 3 |
| EMS 215 | EMS Incident Management and Operations | 3 |
| EMS 207 | Airway Management and Ventilation for Paramedics | 3 |
| Semester Total | | 9 |
| 4th semester | | |
| EMS 202 | Advanced Cardiology for Paramedics | 3 |
| EMS 203 | Paramedic Skills | 3 |
| EMS 211 | Paramedic Care for Medical Emergencies | 3 |
| EMS 212 | Paramedic Trauma Emergencies | 3 |
| EMS 214 | Special Populations in Paramedicine | 3 |
| Semester Total | | 15 |
| 5th semester | | |
| EMS 216 | Hospital Clinical Experience for the Paramedic | 5 |

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| EMS 217 | Field Internship for the Paramedic | 5 |
| Semester Total | | 10 |
| Total Units | | 64 |

Requirement is satisfied through embedded curriculum in the following courses: EMS 206, EMS 209, EMS 211

Science (3)

Required:

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| EMS 204 | Principles of Anatomy & Physiology for Paramedic ⁴ | 4 |
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Diversity (3)

Human Relations (3)

Requirement is satisfied through embedded curriculum in the following courses: EMS 200, EMS 209, EMS 211, EMS 212, EMS 214, EMS 216, EMS 217

U.S. and Nevada Constitutions 3

Degree Requirements² 48-55

Paramedic Traditional Program Track 55

| | | |
|---------|--|---|
| EMS 200 | Fundamentals of Paramedic Medicine | 4 |
| EMS 202 | Advanced Cardiology for Paramedics | 3 |
| EMS 203 | Paramedic Skills | 3 |
| EMS 205 | Principles of Pathophysiology | 4 |
| EMS 206 | Prin Pharmacology/Medication Admin/Venous Access | 4 |

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| EMS 207 | Airway Management and Ventilation for Paramedics | 4 |
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| EMS 209 | Patient Assessment for Paramedics | 4 |
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| EMS 210 | Principles of Cardiology for the Paramedic | 4 |
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| EMS 211 | Paramedic Care for Medical Emergencies | 4 |
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| EMS 212 | Paramedic Trauma Emergencies | 3 |
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| EMS 214 | Special Populations in Paramedicine | 3 |
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| EMS 215 | EMS Incident Management and Operations | 3 |
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| EMS 216 | Hospital Clinical Experience for the Paramedic | 5 |
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| EMS 217 | Field Internship for the Paramedic | 5 |
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| EMS 208 | Paramedic Practicum ³ | 2 |
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Paramedic Hybrid Program Tack 48

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| EMS 200 | Fundamentals of Paramedic Medicine | 3 |
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| EMS 202 | Advanced Cardiology for Paramedics | 3 |
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| EMS 203 | Paramedic Skills | 3 |
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| EMS 205 | Principles of Pathophysiology | 3 |
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| EMS 206 | Prin Pharmacology/Medication Admin/Venous Access | 3 |
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| EMS 207 | Airway Management and Ventilation for Paramedics | 3 |
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|---------|-----------------------------------|---|
| EMS 209 | Patient Assessment for Paramedics | 3 |
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|---------|--|---|
| EMS 210 | Principles of Cardiology for the Paramedic | 3 |
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|---------|--|---|
| EMS 211 | Paramedic Care for Medical Emergencies | 3 |
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|---------|------------------------------|---|
| EMS 212 | Paramedic Trauma Emergencies | 3 |
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| | | |
|---------|-------------------------------------|---|
| EMS 214 | Special Populations in Paramedicine | 3 |
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|---------|--|---|
| EMS 215 | EMS Incident Management and Operations | 3 |
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|---------|--|---|
| EMS 216 | Hospital Clinical Experience for the Paramedic | 5 |
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|---------|------------------------------------|---|
| EMS 217 | Field Internship for the Paramedic | 5 |
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Electives 2

Special Admission Requirements

Completion of the associates requires acceptance into and successful completion of the paramedic program. Please see the Paramedic Program Admission Application (<https://www.tmcc.edu/emergency-medical-services/paramedic-program/paramedic-program-admission-application>) on how to apply, dates, and deadlines.

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 (<https://candidate.precheck.com/StudentCheck?schoolId=16172>), 5 panel drug testing from ARC and current drivers license or state identification.

Program Requirements

AAS degrees are generally non-transfer degrees designed for students to enter the workforce.

To earn an AAS degree, students must:

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

| Code | Title | Units |
|--|--|-------|
| General Education Requirements | | |
| <i>Communications</i> | | 3 |
| Recommended: | | |
| ENG 101 | Composition I | |
| or ENG 100 | Composition Enhanced | |
| or ENG 113 | Composition I for International and Multilingual Students | |
| <i>English¹</i> | | 3 |
| Recommended: | | |
| ENG 102 | Composition II | |
| or ENG 114 | Composition II For International and Multilingual Students | |
| or ENG 107 | Technical Communications I | |
| <i>Fine Arts/Humanities/Social Science</i> | | 3 |
| Recommended: | | |
| SOC 205 | Race and Ethnicity in Everyday Life | |
| or ANTH 201 | Peoples and Cultures of the World | |
| or any course that satisfies Diversity. | | |
| <i>Mathematics</i> | | (3) |

Any other EMS, FT, or EMHS course

Total Units **64-71**

- ¹ ENG 102 is required for completion of a Bachelor's degree.
- ² Completion of the AAS degree requires acceptance and successful completion of all EMS 200 level courses. You must have an EMT or higher certification to enter into the program.
- ³ This course is required for students only in the traditional paramedic program.
- ⁴ EMS 204 is required to complete the paramedic program, but is now a pre-requisite to to enter into the program.

Program Outcomes

Students completing the degree will:

- PSLO1: Describe, interpret, and apply EMS and general medical knowledge necessary to function in a healthcare setting by demonstrating competency in all areas outlined in the National Registry of Emergency Medical Technician's cognitive and psychomotor examinations.
- PSLO2: Formulate treatment plans for diverse patient populations using principles in pathophysiology and pharmacology, patient assessment techniques, and scene management in both medical and trauma patients.
- PSLO3: Demonstrate professionalism, integrity, and proper ethics and show proficiency in interpersonal relations, communication, and documentation with diverse patient populations, peers, and other professionals amongst different agencies.
- PSLO4: Applying leadership principles to manage various types of scenes and transport patients using appropriate techniques that are safe and timely.