

ASSOCIATE OF APPLIED SCIENCE - PREHOSPITAL EMERGENCY MEDICINE

The objective of this degree is to train students with the necessary 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).

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

Pre-Requisite Note: Emergency Medical Technician and/or Advanced Emergency Medical Technician are pre-requisites to the paramedic entrance process.

Degree Outcomes

Students completing the degree will:

- Demonstrate Competency in all areas outlined in the National Registry of Emergency Medical Technician - EMT cognitive and Psychomotor examinations.
- Exhibit proficiency in all technical Skills required of Emergency medical care and transportation of critical and emergent patients.
- Demonstrate professional attitudes and ethical behaviors consistent with the expectations of the profession, area employers and the local medical community.

AAS degrees are generally non-transfer degrees that are 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 (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>).
4. Have no financial or library obligation to the college.

General Education Requirements

<i>Diversity</i> ¹	[3]
Required:	
SOC 205	Ethnic Groups in Contemporary Societies
<i>Communications/English</i>	6

Required:		
ENG 102	Composition II	
or ENG 114	Composition II For International Students	
<i>Fine Arts/Humanities/Social Science</i>		3
Required:		
SOC 205	Ethnic Groups in Contemporary Societies	
<i>Human Relations</i> ¹		[3]
Embedded:		
EMS 200	Fundamentals of Paramedic Medicine	
EMS 201	Intro to Paramedic Fundamentals	
EMS 209	Patient Assessment for Paramedics	
EMS 211	Paramedic Care for Medical Emergencies and ACLS	
<i>Mathematics</i>		3
Required:		
MATH 120	Fundamentals of College Mathematics (or higher)	
<i>Science</i>		3
Required:		
ENV 101	Introduction to Environmental Science	3
<i>U.S. and Nevada Constitutions</i>		3
Degree Requirements		
EMS 200	Fundamentals of Paramedic Medicine	3
EMS 205	Principles of Pathophysiology	3
EMS 206	Prin Pharmacology/Medication Admin/Venous Access	3
EMS 207		2
EMS 209	Patient Assessment for Paramedics	3
EMS 210	Principles of Cardiology for the Paramedic	3
EMS 211	Paramedic Care for Medical Emergencies and ACLS	4
EMS 212	Paramedic Trauma Emergencies and ITLS	3
EMS 214	Pediatrics & Special Consideration for Para/Pals	3
EMS 215	Assess Based Management/Operation for Paramedic I	3
EMS 216	Hospital Clinical Experience for the Paramedic	4
EMS 217	Field Internship for the Paramedic	4
Emphasis Requirements		
EMS 203	Assessment Based Management I	3
EMS 202	Advanced Cardiology for Paramedics	3
EMS 201	Intro to Paramedic Fundamentals	6
Total Units		71

¹ Course may also count toward degree requirements. Please consult with Academic Advisement.

Course	Title	Units
1st semester		
ENG 101	Composition I	3
or ENG 113	or Composition I for International Students	
MATH 120	Fundamentals of College Mathematics	3
SOC 205	Ethnic Groups in Contemporary Societies	3
Semester Total		9

2nd semester

ENG 102	Composition II	3
or ENG 114	or Composition II For International Students	
ENV 101	Introduction to Environmental Science	3
	U.S. and Nevada Constitutions ²	3
Semester Total		9

3rd semester

EMS 200	Fundamentals of Paramedic Medicine	3
EMS 201	Intro to Paramedic Fundamentals	6
EMS 203	Assessment Based Management I	3
EMS 205	Principles of Pathophysiology	3
EMS 206	Prin Pharmacology/Medication Admin/Venous Access	3
EMS 209	Patient Assessment for Paramedics	3
EMS 210	Principles of Cardiology for the Paramedic	3
Semester Total		24

4th semester

EMS 207		2
EMS 202	Advanced Cardiology for Paramedics	3
EMS 211	Paramedic Care for Medical Emergencies and ACLS	4
EMS 212	Paramedic Trauma Emergencies and ITLS	3
EMS 214	Pediatrics & Special Consideration for Para/Pals	3
EMS 215	Assess Based Management/Operation for Paramedic I	3
EMS 216	Hospital Clinical Experience for the Paramedic	4
Semester Total		22

5th semester

EMS 217	Field Internship for the Paramedic	4
Semester Total		4
Total Units		68

² See approved General Education list for the AAS Degree. (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>)