

Emergency Medical Services Technology
Associate of Applied Science Degree

Program Coordinator:

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Program Purpose: The purpose of this curriculum is to produce competent entry level Emergency Medical Technician-Paramedics (EMT-P) who can service the community with advance life support care via the Emergency Medical Services (EMS) infrastructure.

First Semester - Summer		
EMS 100 or HLT 105	CPR for Healthcare Providers or Cardiopulmonary Resuscitation	1
EMS 111	Emergency Medical Technician	7
EMS 120	EMT – Basic Clinical	1
BIO 145	Human Anatomy & Physiology ¹	4
Total Credits		13
Second Semester - Fall		
SDV 100 or SDV 101	College Success Skills or Orientation to College Success	1
EMS 121	Preparatory Foundations	2
EMS 123	EMS Clinical Preparation	1
EMS 125 & EMS 126	Basic Pharmacology & Lab	2
EMS 127 & EMS 128	Airway, Shock and Resuscitation & Lab	2
EMS 135 & EMS 136	Emergency Medical Care & Lab	3
EMS 137 & EMS 138	Trauma Care & Lab	2
Total Credits		13
Third Semester - Spring		
EMS 139 & EMS 140	Special Populations & Lab	2
EMS 141 & EMS 142	Cardiovascular Care & Lab	3
EMS 175	Paramedic Clinical Experience I	2
ENG 111	College Composition I	3
PSY 230	Developmental Psychology ²	3
Total Credits		13
Fourth Semester - Fall		
EMS 202	Paramedic Pharmacology	2
EMS 203 & EMS 204	Advanced Patient Care & Lab	4
EMS 206	Pathophysiology for Health Professions	3
EMS 247	Paramedic Clinical Experience II	1
EMS 248	Paramedic Comprehensive Field Experience	2
Total Credits		12

Continued on Next Page

Fifth Semester - Spring		
EMS 210	EMS Operations	1
EMS 212	Leadership and Professional Development	1
EMS 165	Advanced Cardiac Life Support	1
EMS 163	Prehospital Trauma Life Support	1
EMS 167	Emergency Pediatric Care	1
EMS 164	Advanced Medical Life Support	1
EMS 216	Paramedic Review	1
EMS 249	Paramedic Capstone Internship	2
EEE	Humanities Elective ³	3
EEE	General Education Elective ⁴	3
Total Credits		15
Total minimum credits for AAS Degree		64

¹ BIO 141 and BIO 142 are an approved substitute to BIO 145. It is recommended that students who plan to transfer to another medically related program complete BIO 141-142. Those who complete BIO 141 & BIO 142 are exempt from the General Education Elective in the 5th semester (see footnote 4 below).

² PSY 200, SOC 247, and SOC 268 are approved substitutes for PSY 230.

³ Approved Humanities Electives: ART 101, ENG 241, 243, 251, MUS 121, REL 230

⁴ The general education elective must be in one of the general education categories – communication, humanities/fine arts, social/behavioral sciences, or natural sciences/mathematics. Students who complete BIO 141 and BIO 142 in lieu of BIO 145 are exempt from the general education elective.



Students who complete EMS 111 and EMS 120 are eligible to register for the EMT exam provided by the National Registry of Emergency Medical Technicians (NREMT).

- CPR Certification is completed during EMS 111.
- Students who successfully complete the second semester of this program and take EMT 170 (Advanced Life Support Internship I) are eligible to take the Advanced EMT exam administered by NREMT.
- After successful completion of the curriculum, students are eligible to take the Paramedic exam provided by NREMT.