

This program is accredited by the Commission on Accreditation of Allied Health Educations Programs. This program is offered two times per year. Students have the option of attending full-time or part-time.

The Paramedicine Program has four components: Lecture, Lab, Clinical and Field Internships. This is approximately 1200 hours. The student must complete all coursework, lecture, lab, clinical and field internship, as well as pass all academic and practical components before sitting for the National Registry Examination.

The program is designed to educate workers in the field of Emergency Medical Services. Students should consult with an Emergency Medical Service Faculty Advisor early in their College career to explore all of their educational options. Students must earn a "C" or better in all EMS courses to graduate. All students must complete a criminal background check prior to enrolling in this program.

Required Courses	Credits	Pre or Co Reqs Rqd	Course Availability		
			Fall	Spr	Sum
<b>General Education Courses</b>					
• BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1*	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• COM 125 - Interpersonal Communication OR COM 126 - Communication in Healthcare*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• ENG 131 - Technical Writing I: GT-CO1*	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAT 108 - Technical Mathematics*	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• PSY 101 - General Psychology I: GT-SS3*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Major Courses</b>					
• EMS 225 - Fundamentals of Paramedic Practice	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 226 - Fundamentals of Paramedic Practice - Lab	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 227 - Paramedic Special Considerations	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 228 - Paramedic Special Considerations Lab	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 229 - Paramedic Pharmacology	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 230 - Paramedic Pharmacology Lab	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 231 - Paramedic Cardiology	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 232 - Paramedic Cardiology Lab	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 233 - Paramedic Medical Emergencies	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 234 - Paramedic Medical Emergencies Lab	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 235 - Paramedic Trauma Emergencies	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 236 - Paramedic Trauma Emergencies Lab	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 237 - Paramedic Internship Preparatory	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 280 - Internship I: Paramedic	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 281 - Paramedic Internship II	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**Pre-Requisites, Co-Requisites, and Recommendations (grade C or better required)**

Where requirements are listed as course categories (e.g. Electives, Arts/Humanities) rather than as specific courses, please note that depending upon course choice, pre-requisites may be required.

BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1\*

- Pre-Requisite: BIO 111 - General College Biology I with Lab: GT-SC1 OR Score of 75+ on Biology Placement Test

BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1

- Pre-Requisite: BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1

EMS 226 - Fundamentals of Paramedic Practice - Lab

- Co-Requisite: EMS 225 - Fundamentals of Paramedic Practice

EMS 227 - Paramedic Special Considerations

- Co-Requisite: EMS 228 - Paramedic Special Considerations
- Requirement: Acceptance into paramedic program - site specific

EMS 228 - Paramedic Special Considerations Lab

- Co-Requisite: EMS 227 - Paramedic Special Considerations
- Requirement: Acceptance into paramedic program - site specific

EMS 229 - Paramedic Pharmacology

- Co-Requisite: EMS 230 - Paramedic Pharmacology Lab
- Requirement: Acceptance into paramedic program - site specific

EMS 230 - Paramedic Pharmacology Lab

- Co-Requisite: EMS 229 - Paramedic Pharmacology
- Requirement: Acceptance into paramedic program - site specific

EMS 231 - Paramedic Cardiology

- Co-Requisite: EMS 232 - Paramedic Cardiology Lab
- Requirement: Acceptance into paramedic program - site specific

EMS 232 - Paramedic Cardiology Lab

- Co-Requisite: EMS 231 - Paramedic Cardiology
- Requirement: Acceptance into paramedic program - site specific

EMS 233 - Paramedic Medical Emergencies

- Co-Requisite: EMS 234 - Paramedic Medical Emergencies Lab
- Requirement: Acceptance into paramedic program - site specific

EMS 234 - Paramedic Medical Emergencies Lab

- Co-Requisite: EMS 233 - Paramedic Medical Emergencies
- Requirement: Acceptance into paramedic program - site specific

EMS 235 - Paramedic Trauma Emergencies

- Co-Requisite: EMS 236 - Paramedic Trauma Emergencies Lab
- Requirement: Acceptance into paramedic program - site specific

EMS 236 - Paramedic Trauma Emergencies Lab

- Co-Requisite: EMS 235 - Paramedic Trauma Emergencies
- Requirement: Acceptance into paramedic program - site specific

EMS 237 - Paramedic Internship Preparatory

- Requirement: Acceptance into paramedic program - site specific

EMS 280 - Internship I: Paramedic

- Requirement: Acceptance into paramedic program - site specific

EMS 281 - Paramedic Internship II

- Requirement: Acceptance into paramedic program - site specific

ENG 131 - Technical Writing I: GT-CO1\*

- Co-Requisite: CCR 094 - Studio 121

### Program Outcomes

- Demonstrate a strong understanding of the pathophysiology behind the illnesses they are assessing and treating.
- Understand and recognize the ethical issues found in patient care settings.
- Develop professional behaviors including presentation, preparation, and interaction.
- Demonstrate clinical objectives including patient interviewing, completing a physical exam, communication, and developing a field impression.
- Perform evaluations; exhibit patient management skills, communication skills, comprehension, scene control, and miscellaneous skills in a realistic setting.
- Create a group presentation including pathophysiology of disease factors, provide differential diagnosis, prehospital treatment, and a patient care report in an organized manner.

### Notes

- \*This course requires college level readiness as measured by Accuplacer, ACT, or SAT scores; approved high school course work that is less than five years old; or successful completion of appropriate college-readiness course.
- AAA 101 – College 101: Student Experience is required for all new college students seeking degrees or transfer.
- All General Education Courses must be completed prior to enrolling in any EMS prefix courses.
- Course availability is subject to change.
- In order to meet program requirements, students registered for ENG 121 or ENG 131 must also register for CCR 094 unless they can demonstrate otherwise meeting the CCR 094 standard through assessment testing, prior college coursework, or recent High School coursework. See an Advisor for details.
- Recommended courses may be listed above for certain electives; consult with the Academic Advising Office ([advising@arapahoe.edu](mailto:advising@arapahoe.edu) or 303.797.5664) for additional elective recommendations.
- Refer to 20/21 catalog for specific requirements and important information about this degree.
- The recommended course sequence assumes a fall start date. The program can be completed with spring or summer start dates as well; please consult with program advisor for alternative course sequences.
- The student must have the following to be considered for entrance into this program: One year of documented EMT or AEMT field experience, basic ECG interpretation class, IV approval, current American Heart Association Healthcare CPR certificate, documentation of vaccinations (at least 2 HEP B vaccinations (or Titer), 2 MMR vaccinations (or Titer), Tetanus vaccination within the last 10 years, TB Skin Test, and Varicella (chicken pox) vaccination).

### Graduation Requirements

- All courses must be completed with a grade of “C” or better.
- To graduate, students must apply for graduation (form available at [www.arapahoe.edu/departments-and-programs/graduation](http://www.arapahoe.edu/departments-and-programs/graduation)) by the deadline and meet all degree requirements.

RECOMMENDED COURSE SEQUENCE FULL-TIME TRACK

Year 1: Fall	Credits	Course
	4	BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1
	3	COM 125 - Interpersonal Communication OR COM 126 - Communication in Healthcare*
	4	MAT 108 - Technical Mathematics
Year 1: Spring	Credits	Course
	4	BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1
	3	ENG 131 - Technical Writing I: GT-CO1
	3	PSY 101 - General Psychology I: GT-SS3
Year 2: Fall	Credits	Course
	3	EMS 225 - Fundamentals of Paramedic Practice
	2	EMS 226 - Fundamentals of Paramedic Practice - Lab
	3	EMS 227 - Paramedic Special Considerations
	2	EMS 228 - Paramedic Special Considerations Lab
	3	EMS 229 - Paramedic Pharmacology
	2	EMS 230 - Paramedic Pharmacology Lab
	5	EMS 231 - Paramedic Cardiology
	1	EMS 232 - Paramedic Cardiology Lab
	4	EMS 233 - Paramedic Medical Emergencies
	1	EMS 234 - Paramedic Medical Emergencies Lab
	4	EMS 235 - Paramedic Trauma Emergencies
	1	EMS 236 - Paramedic Trauma Emergencies Lab
	2	EMS 237 - Paramedic Internship Preparatory
Year 2: Spring	Credits	Course
	6	EMS 280 - Internship I: Paramedic
	6	EMS 281 - Paramedic Internship II

RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

Year 1: Fall	Credits	Course
	4	BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1
	4	MAT 108 - Technical Mathematics
Year 1: Spring	Credits	Course
	4	BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1
	3	ENG 131 - Technical Writing I: GT-CO1
Year 1: Summer	Credits	Course
	3	COM 125 - Interpersonal Communication OR COM 126 - Communication in Healthcare*
	3	PSY 101 - General Psychology I: GT-SS3
Year 2: Fall	Credits	Course
	3	EMS 225 - Fundamentals of Paramedic Practice
	2	EMS 226 - Fundamentals of Paramedic Practice - Lab
	3	EMS 229 - Paramedic Pharmacology
	2	EMS 230 - Paramedic Pharmacology Lab
	4	EMS 233 - Paramedic Medical Emergencies
	1	EMS 234 - Paramedic Medical Emergencies Lab
Year 2: Spring	Credits	Course
	3	EMS 227 - Paramedic Special Considerations
	2	EMS 228 - Paramedic Special Considerations Lab
	5	EMS 231 - Paramedic Cardiology
	1	EMS 232 - Paramedic Cardiology Lab
	4	EMS 235 - Paramedic Trauma Emergencies
	1	EMS 236 - Paramedic Trauma Emergencies Lab
	2	EMS 237 - Paramedic Internship Preparatory
Year 2: Summer	Credits	Course
	6	EMS 280 - Internship I: Paramedic
	6	EMS 281 - Paramedic Internship II