Academic Plan: Certificate - Paramedic

# Catalog Year: 2020/2021

# Total Credits: 45

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

The Paramedic 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.

Following are many of the topics covered: EMS systems, paramedic roles and responsibilities, injury and illness prevention, medical/legal issues, ethics, path physiology, pharmacology, medication administration, patient assessment, trauma management, respiratory system management, cardiovascular management, management of medical emergencies, pediatric management, management of obstetric and gynecologic emergencies, management of emotional crisis, assessment bases management and EMS operations.

All students enrolled in this program are encouraged to apply for graduation upon completion of the program

# A - Required Courses.

EMS 225 - Fundamentals of Paramedic Practice 3 credits available fall and spring

EMS 226 - Fundamentals of Paramedic Practice - Lab 2 credits available fall and spring

EMS 227 - Paramedic Special Considerations 3 credits available fall and spring

EMS 228 - Paramedic Special Considerations Lab 2 credits available fall and spring

EMS 229 - Paramedic Pharmacology 3 credits available fall and spring

EMS 230 - Paramedic Pharmacology Lab 2 credits available fall and spring

EMS 231 - Paramedic Cardiology 5 credits available fall and spring

EMS 232 - Paramedic Cardiology Lab 1 credits available fall and spring

EMS 233 - Paramedic Medical Emergencies 4 credits available fall and spring

EMS 234 - Paramedic Medical Emergencies Lab 1 credits available fall and spring

EMS 235 - Paramedic Trauma Emergencies 4 credits available fall and spring

EMS 236 - Paramedic Trauma Emergencies Lab 1 credits available fall and spring

EMS 237 - Paramedic Internship Preparatory 2 credits available fall and spring

EMS 280 - Internship I: Paramedic 6 credits available spring summer

EMS 281 - Paramedic Internship II 6 credits available spring summer

# 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.

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

# Notes

Course availability is subject to change.

Refer to 20/21 catalog for specific requirements and important information about this certificate.

The recommended course sequence assumes a fall start date. The program can be completed with a spring start date as well; please consult with program advisor for alternative course sequence.

# Graduation Requirements

All coursework must be completed with a grade of “C” or better.

To graduate, students must apply for graduation [here](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

3EMS 225 - Fundamentals of Paramedic Practice

2EMS 226 - Fundamentals of Paramedic Practice - Lab

3EMS 227 - Paramedic Special Considerations

2EMS 228 - Paramedic Special Considerations Lab

3EMS 229 - Paramedic Pharmacology

2EMS 230 - Paramedic Pharmacology Lab

5EMS 231 - Paramedic Cardiology

1EMS 232 - Paramedic Cardiology Lab

4EMS 233 - Paramedic Medical Emergencies

1EMS 234 - Paramedic Medical Emergencies Lab

4EMS 235 - Paramedic Trauma Emergencies

1EMS 236 - Paramedic Trauma Emergencies Lab

2EMS 237 - Paramedic Internship Preparatory

## Year 1: Spring

6EMS 280 - Internship I: Paramedic

6EMS 281 - Paramedic Internship II

# RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

## Year 1: Fall

3EMS 225 - Fundamentals of Paramedic Practice

2EMS 226 - Fundamentals of Paramedic Practice - Lab

3EMS 229 - Paramedic Pharmacology

2EMS 230 - Paramedic Pharmacology Lab

4EMS 233 - Paramedic Medical Emergencies

1EMS 234 - Paramedic Medical Emergencies Lab

## Year 1: Spring

3EMS 227 - Paramedic Special Considerations

2EMS 228 - Paramedic Special Considerations Lab

5EMS 231 - Paramedic Cardiology

1EMS 232 - Paramedic Cardiology Lab

4EMS 235 - Paramedic Trauma Emergencies

1EMS 236 - Paramedic Trauma Emergencies Lab

2EMS 237 - Paramedic Internship Preparatory

## Year 1: Summer

6EMS 280 - Internship I: Paramedic

6EMS 281 - Paramedic Internship II