



## Red Rocks Community College Emergency Medical Technology Associates of Applied Science



The Emergency Medical Technology degree prepares graduates to enter a Paramedic course of study. Additionally, upon completion of a Paramedic course of study an Associate Degree in Paramedicine may be an option for individuals desiring a second associate's degree. The course of study provides the student an opportunity to acquire basic and advanced life support knowledge and skills by utilizing classroom instruction, practical laboratory sessions, realistic simulations, hospital clinical experience, and field internships with emergency medical service agencies.

Most students in the second year of the program are employed in the EMS field at the time of their acceptance into the program, or gain employment while enrolled in the program with the assistance of the RRCC EMS Program. Employment while enrolled in the program is encouraged as it enhances the educational process and allows immediate application of the knowledge and skills gained in the program. Upon graduation employment opportunities include ambulance services, fire and rescue agencies, hospitals, industry, and government agencies.

### Required Courses – 47 credit hours

- EMS 121 – EMT Fundamentals
- EMS 122 – EMT Medical Emergencies
- EMS 123 – EMT Trauma Emergencies
- EMS 124 – EMT Special Considerations
- EMS 127 – AEMT Special Considerations
- EMS 129 – AEMT Pharmacology
- EMS 130 – EMT Intravenous Therapy
- EMS 131 – AEMT Fundamentals
- EMS 133 – AEMT Medical Emergencies
- EMS 135 – AEMT Trauma Emergencies
- EMS 138 – Basic EMS Simulation Lab
- EMS 140 – Advanced EMS Simulation Lab
- EMS 170 – EMT Clinical Internship
- EMS 171 – AEMT Clinical Internship
- EMS 178 – EMS Seminar
- EMS 181 – EMS Internship I
- EMS 182 – EMS Internship II
- EMS 270 – Clinical EMS Intermediate
- EMS 279 – Seminar

### General Education Requirements – 16 credit hours

- Communication – 3 credit hours
  - ENG – 121 or higher
- Mathematics – 3 credit hours
  - MAT 107 or above (MAT 121 recommended)
- Arts and Humanities or Social and Behavioral Sciences – 3 credit hours
  - ART, FRE, GER, HUM, LIT, MUS, PHI, SPA, THE, ANT, ECO, HIS, POS, PSY, SOC
- Natural and Physical Sciences – 4 credit hours
  - BIO 106
- Electives from any of the subjects below (100 and above) - 3 credit hours
  - CIS 118, ENG, COM, MAT, AGR, ARA, ART, ASL, FRE, GER, HUM, ITA, JPN, LIT, MUS, PHI, RUS, SPA, THE, AST, BIO, CHE, ENV, GEY, PHY, SCI, ANT, ECO, GEO, GIS, HIS, POS, PSY, SOC

Note: BIO 111, 201, and 202 are recommended rather than BIO 106. This will meet the Natural and physical sciences requirement as well as the general elective requirement. Consult your faculty advisor for this option



# Red Rocks Community College Emergency Medical Technology Associates of Applied Science



## Course Sequence

This course sequence assumes a traditional fall semester (August) start date. For alternative sequences or start dates please contact your faculty advisor.

### Fall 1 (12 ch)

- EMS 121 – EMT Fundamentals
- EMS 122 – EMT Medical Emergencies
- EMS 123 – EMT Trauma Emergencies
- EMS 124 – EMT Special Considerations
- EMS 170 – EMT Clinical Internship

### Spring 1 (13 ch)

- EMS 127 – AEMT Special Considerations
- EMS 129 – AEMT Pharmacology
- EMS 130 – EMT Intravenous Therapy
- EMS 131 – AEMT Fundamentals
- EMS 133 – AEMT Medical Emergencies
- EMS 135 – AEMT Trauma Emergencies
- EMS 171 – AEMT Clinical Internship

### Summer 1 (10 ch)

- BIO 106 – Anatomy and Physiology
- ENG 121 – English Composition
- MAT 107 – Career Math

### Fall 2 (14 ch)

- EMS 138 – Basic Simulations
- EMS 178 – EMS Seminar
- EMS 181 – EMS Internship I
- EMS 270 – Clinical EMS Intermediate
- General Elective (3 credit hours)

### Spring 2 (14 ch)

- EMS 140 – Advanced Simulations
- EMS 182 – EMS Internship II
- EMS 279 - Seminar
- Social Science Elective (3 credit hours)

### Summer 2

- Paramedic Program

Suggested Electives: PHI 112, PSY 235, PSY 249, CHE 211, CHE 212, BIO 204, BIO 216