



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



## Course Sequence:

This course sequence assumes a traditional fall semester (August) start date. All courses must be completed with a grade of C or higher. Alternative schedules are available.

### **Fall 1 (First Semester) – 15 ch**

- EMS 1021 – EMT Fundamentals
- EMS 1022 – EMT Medical Emergencies
- EMS 1023 – EMT Trauma Emergencies
- EMS 1024 – EMT Special Considerations
- EMS 1070 – EMT Clinical Internship
- HPR – 1011 – CPR For Professionals
- MAT – 1140 - Career Math\*

### **Spring 1 (Second Semester) – 16 ch**

- EMS 1125 – AEMT Fundamentals
- EMS 1127 – AEMT Special Considerations
- EMS 1129 – AEMT Pharmacology
- EMS 1132 – EMT IV/IO Therapy
- EMS 1133 – AEMT Medical Emergencies
- EMS 1135 – AEMT Trauma Emergencies
- EMS 1071 – AEMT Clinical Internship
- ENG 1031 – Technical Writing

### **Summer 1 – 4 ch**

- BIO 106 – Anatomy and Physiology\*\*

### **Fall 2 (Third Semester) – 14 ch**

- EMS 1138 – Basic Simulations
- EMS 1078 – EMS Seminar
- EMS 1081 – EMS Internship 1
- EMS 2070 – Clinical EMS Intermediate
- General Elective – 3 credit hours

### **Spring 2 (Fourth Semester) – 14 ch**

- EMS 1140 – Advanced Simulations
- EMS 1082 – EMS Internship 2
- EMS 2079 – Seminar
- Social Science Elective – 3 credit hours

### **Summer 2**

- Paramedic Program

## Course Substitutions:

\*Math 1140 will meet the basic requirements of this degree; however it is a non-transferable course. Therefore, we recommend MAT 1340, college algebra, instead of MAT 1140.

\*\*Biology 1006 – Anatomy and Physiology will meet the basic requirements of this degree. We recommend taking it during the first semester as the information will help immensely with your EMT education, and prepare you for your AEMT education. However, you can defer it until the summer 1 semester if you choose.

However only certain paramedic programs will accept this as a pre-requisite for their programs, therefore we highly recommend taking the following biology courses to meet the pre-requisites of all paramedic programs. Also, take into consideration that biology 1006 is a non-transferable course, whereas the courses below will transfer to a four-year university.

- Summer 1: Social science elective, such as PSY 2440 or 2552
- Summer 1: Biology 1111 – General Biology
- Fall 2: Biology 2101 – Anatomy and Physiology 1 (This fills the natural sciences requirement)
- Spring 2: Biology 2102 – Anatomy and Physiology 2 (This meets the general elective requirement)