

This program is designed to train workers in the field of emergency medical service. It begins with an entry-level EMT-Basic certificate program and includes an Advanced EMT certificate program, a Paramedic certificate program, and an associate of applied science degree in Paramedicine. Consult the Web site: <http://www.rccc.edu/ems/index.html> early in your college career to explore all your educational options. A grade of C or better must be achieved in all EMS courses to graduate. Student's must complete a criminal background check prior to enrolling in this program by using American Data Bank's online background check procedures: [www.healthcareex.com](http://www.healthcareex.com).

## **Degree: Associate of Applied Science**

**Paramedicine**

### **Certificates:**

**Emergency Medical Technician-Basic**

**Advanced EMT (pending approval)**

**Paramedic**

## **AAS Degree**

**Paramedicine**

This program assists in advancing a graduate's career in the EMS system.

<b>Prerequisite Courses</b>	<b>Credits</b>
EMS 125 Emergency Medical Technician – Basic	9
EMS 170 Emergency Medical Technician – Basic Clinical	1
EMS 130 Intravenous Therapy for EMTs	2
HPR 190 Basic EKG Interpretation	2
<b>Required Courses</b>	<b>Credits</b>
EMS 225 Fundamentals of Paramedic Practice	3
EMS 226 Fundamentals of Paramedic Practice Lab	2
EMS 227 Paramedic Special Considerations	3
EMS 228 Paramedic Special Considerations Lab	2
EMS 229 Paramedic Pharmacology	3
EMS 230 Paramedic Pharmacology Lab	2
EMS 231 Paramedic Cardiology	5
EMS 232 Paramedic Cardiology Lab	1
EMS 233 Paramedic Medical Emergencies	4
EMS 234 Paramedic Medical Emergencies Lab	1
EMS 235 Paramedic Trauma Emergencies	4
EMS 236 Paramedic Trauma Emergencies Lab	1
EMS 237 Paramedic Internship Preparatory	2
EMS 280 Paramedic Internship I	6
EMS 281 Paramedic Internship II	6

### **General Education Course Requirements:**

#### **Communication:**

(Any ENG or COM (100 or higher) 3

<b>Mathematics:</b>	
MAT 107 or above	3
<b>Physical and Life Sciences:</b>	
BIO 201 Anatomy and Physiology I	4
BIO 202 Anatomy and Physiology II	4
<b>Arts and Humanities or Social and Behavioral Science</b>	<b>3</b>
<b>Total Credits</b>	<b>62</b>

## **Certificate**

### **Emergency Medical Technician-Basic**

This program prepares the student to sit for the National Registry practical and written certification exams, which are required for Colorado state certification. Once certified, the graduate is eligible for entry-level employment in the emergency medical services system.

<b>Required Courses</b>	<b>Credits</b>
EMS 125 Emergency Medical Technician-Basic	9
EMS 170 Emergency Medical Technician-Basic Clinical	1
<b>Total Credits</b>	<b>10</b>

## **Certificate**

### **Advanced Emergency Medical Technician (pending approval)**

This program prepares the student to sit for the National Registry practical and written advanced EMT certification exams, which are required for Colorado state certification. Once certified, the graduate is eligible for additional employment opportunities in the emergency medical services system. Completion of the program also assists graduates to gain acceptance into a Paramedic training program.

<b>Required Courses</b>	<b>Credits</b>
EMS 127 AEMT Special Considerations	2
EMS 129 AEMT Pharmacology	1
EMS 130 EMT I V Therapy	2
EMS 131 AEMT Fundamentals	2
EMS 133 AEMT Medical Emergencies	2
EMS 135 AEMT Trauma Emergencies	2
EMS 171 AEMT Clinical Internship	2
<b>Total Credits</b>	<b>13</b>

## **Certificate**

### **Paramedic**

This program prepares the student to sit for the National Registry practical and written certification exams, which are required for Colorado state certification. Once certified, the graduate is eligible for employment in the emergency medical services system.

<b>Required Courses</b>	<b>Credits</b>
EMS 225 Fundamentals of Paramedic Practice	3
EMS 226 Fundamentals of Paramedic Practice Lab	2
EMS 227 Paramedic Special Considerations	3
EMS 228 Paramedic Special Considerations Lab	2
EMS 229 Paramedic Pharmacology	3
EMS 230 Paramedic Pharmacology Lab	2
EMS 231 Paramedic Cardiology	5
EMS 232 Paramedic Cardiology Lab	1
EMS 233 Paramedic Medical Emergencies	4
EMS 234 Paramedic Medical Emergencies Lab	1
EMS 235 Paramedic Trauma Emergencies	4
EMS 236 Paramedic Trauma Emergencies Lab	1
EMS 237 Paramedic Internship Preparatory	2
EMS 280 Paramedic Internship I	6
EMS 281 Paramedic Internship II	6
BIO 106 Anatomy and Physiology	4
<b>Total Credits</b>	<b>49</b>