This program prepares graduates to enter a Paramedic course of study, or enter the workforce as an ALS provider with an Associate’s degree in Emergency Medical Technology. Participants will gain Advanced EMT certification at the end of the first year, and are eligible to test for EMT Intermediate certification at the end of the program if they choose. 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.

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 required 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.

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) – 16.5 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
- HPR – 102 – CPR For Professionals
- BIO 106 – Anatomy and Physiology*

**Spring 1 (Second Semester) – 16 ch**
- EMS 127 – AEMT Special Considerations
- EMS 129 – AEMT Pharmacology
- EMS 130 – IV Therapy
- EMS 131 – AEMT Fundamentals
- EMS 133 – AEMT Medical Emergencies
- EMS 135 – AEMT Trauma Emergencies
- EMS 171 - AEMT
- EMS 171 – AEMT Clinical Internship
- ENG 131 – Technical Writing

**Summer 1 – 3 ch**
- MAT – 107 - Career Math**

**Fall 2 (Third Semester) – 14 ch**
- EMS 138 – Basic Simulations
- EMS 178 – EMS Seminar
- EMS 181 – EMS Internship 1
- EMS 270 – Clinical EMS Intermediate
- General Elective – 3 credit hours

**Spring 2 (Fourth Semester) – 14 ch**
- EMS 140 – Advanced Simulations
- EMS 182 – EMS Internship 2
- 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
Course Substitutions:

*Biology 106 – 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 106 is a non-transferable course, whereas the courses below will transfer to a four-year university.

- Summer 1: Biology 111 – General Biology
- Fall 2: Biology 201 – Anatomy and Physiology 1 (This fills the general elective category)
- Spring 2: Biology 202 – Anatomy and Physiology 2

**Math 107 will meet the basic requirements of this degree; however it is a non-transferable course. Therefore, we recommend MAT 121, college algebra, instead of MAT 107.

Prerequisites:

- Proof of age 18 by the first day of class (no exceptions)
- The student must be eligible to enroll in ENG 121 or provide proof of completion of ENG 121, or its equivalent, with a grade of C or higher
- Registration for the second semester requires current EMT certification or documentation of enrollment, and satisfactory progress, in an EMT course
- Registration for the third semester requires current AEMT certification or documentation of enrollment, and satisfactory progress, in an AEMT course.

Registration Process:

- Registration begins near the end of the preceding semester, generally April and November
- Students are admitted to the first and second semesters on a first-come, first-served basis
- Students may enroll by meeting with a college advisor or EMS faculty member
- Students who are continuing into the third or fourth semester will need to meet with an EMS faculty member prior to enrolling for those courses
Course Offerings:

First Semester Students (EMT) – Offered Spring, Summer, and Fall

<table>
<thead>
<tr>
<th>Semester</th>
<th>Section</th>
<th>Days of the Week</th>
<th>Class Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>Section 001</td>
<td>Monday – Thursday</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Fall / Spring</td>
<td>Section 001</td>
<td>Monday and Wednesday</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Fall / Spring</td>
<td>Section 002</td>
<td>Monday – Thursday</td>
<td>8:00 am – 12:00 pm</td>
</tr>
<tr>
<td>Fall / Spring</td>
<td>Section 004</td>
<td>Thursday and Friday</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Fall / Spring</td>
<td>Section 040*</td>
<td>Tuesday and Thursday</td>
<td>6:00 pm – 10:00 pm</td>
</tr>
</tbody>
</table>

*Section 040 is a hybrid course. Because this is a hybrid course there will be a large amount of online work to complete outside of scheduled class meetings.

Second Semester Students (AEMT) – Offered Spring and Fall Only

<table>
<thead>
<tr>
<th>Section</th>
<th>Days of the Week</th>
<th>Class Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 001</td>
<td>Monday and Wednesday</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Section 002</td>
<td>Thursday and Friday</td>
<td>8:00 am – 5:00 pm</td>
</tr>
</tbody>
</table>

Third and Fourth Semester Students (Pre – Paramedic / EMT – Intermediate)

<table>
<thead>
<tr>
<th>Section</th>
<th>Days of the Week</th>
<th>Class Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 001</td>
<td>Tuesday</td>
<td>8:00 am – 5:00 pm</td>
</tr>
</tbody>
</table>

REGISTER FOR COURSES EARLY to avoid a situation where a course is cancelled due to low enrollment.

To ensure you receive the correct books and access codes we recommend purchasing your textbooks at the Red Rocks Community College Bookstore (https://rrcc.bncollege.com/shop/rrcc/home), in order to receive a list of required and recommended textbooks for each semester. Third and fourth semester students will primarily use online textbooks available from the RRCC library.
Clinical Requirements:

- **Bring the following information to the first day of class**
- Proof of current EMT or AEMT certification from the Colorado Department of Public Health if required (second and third semester students)
- Proof of completion of a background check, including a urinalysis based drug screening, through CastleBranch (see information below)
- A completed Physical Examination form, signed by a health care provider, documenting that you do not have any condition that would endanger your health or that of your patients during your education
- Proof of vaccinations and a TB test within 12 months are also required.
- The physical form and vaccinations can be completed by the student’s primary care physician, or at the Red Rocks student health clinic.
- Proof of healthcare insurance coverage
- Proof of enrollment in a section of HPR 102 that will complete before the drop date of the semester

Program Cost:

Tuition and fees are based on the completion of a 63 hour Associate’s degree as well as fees for the internship portions of the program. Costs for required textbooks and equipment are approximately $400. There are also costs for the physical exam and vaccinations, as well as the background investigation and national certification exams.

**All tuition and costs listed are approximate and subject to change.**

Background Check

The background check is completed by an external company, CastleBranch, and is mandatory for all students participating in a healthcare program. Background checks must have been completed within the last 12 months, and cannot be transferred from another school.

Please visit the CastleBranch website (http://cccs.castlebranch.com) to complete the background check.
Background check process:

- On the home screen please click on “Place Order”
- Click on “Red Rocks Community College” on the page requesting you to select your school
- From the dropdown box choose “EMS Program”
- From the next dropdown box that appears on that page choose the appropriate option
- Do not click anything, just wait for the page to reload
- Confirm your order, click the box at the bottom indicating you have read the terms and conditions, and click on “Continue Order”
- Complete the following screens providing the requested information. You will also be required to complete a drug test via urinalysis. Follow the appropriate instructions for completing this

Be sure your information is correct. It is not possible to make changes to your order after it has been submitted. IF your order is submitted with incorrect information you will need to submit another background check with additional fees.

Please contact CastleBranch at 1-888-723-4263 or customerexp.cu@castlebranch.com with any questions or if you experience any problems with the ordering process.

If the investigation reveals information that could be relevant to the application, the designated individual responsible for background checks may request additional information from the applicant. The offense shall be reviewed on a case by case basis.

A list of disqualifying offenses can be found by clicking the appropriate link on the website.

Students who have successfully completed the terms of a deferred adjudication agreement will not be disqualified.

If any applicant feels the criminal background check is inaccurate, they may appeal the decision and request a review with the specific community college applied at. It is the applicant’s burden to produce substantial evidence that proves the crimes charged are incorrect.
BCLS Cards for Colorado EMS Certification

As stated in Colorado Board of Health Rules 6-CCR-1015-3, Chapter 1- EMS Rules CPR at the healthcare provider level is required to be an EMT in the state of Colorado. Moreover most of the EMS agencies and hospitals we utilize for the clinical and internship portions of our programs require CPR for the Healthcare Provider or BLS provider from the American Heart Association. Therefore, the following CPR cards are the only ones that will be accepted by the RRCC EMS Program.

American Heart Association

- Healthcare Provider
- BLS Provider
- BLS Instructor
- BLS Training Center Faculty

HPR 102 is a co-requisite of the EMT program. All students must enroll in a section of HPR 102 that completes before the drop date of the semester.
Instructions for Providers

The person bearing this form has been extended an offer of admission to one of the following programs at Red Rocks Community College:

- Emergency Medical Technician
- IV Training for EMT
- Advanced Emergency Medical Technician
- Emergency Medical Technician Intermediate

To matriculate in the program, it is necessary for the candidate to demonstrate that he or she is free of any medical conditions that could endanger the health or well-being of patients or other students, or prevent him/her from performing the physical tasks of emergency medical care. Generally, the following tasks are required:

- Ability to be fitted with a respirator mask in case of continued exposure to an airborne pathogen;
- Ability to lift, carry and balance heavy loads;
- Ability to interpret written and oral instructions, calculate weight and volumes ratios, and read small print, all under threatening time constraints;
- Ability to use good judgment and remain calm in high stress situations;
- Ability to work effectively in an environment with loud noises and flashing lights;
- Ability to function efficiently throughout an entire work shift;
- Good manual dexterity, with ability to perform tasks related to patient care.
- Ability to bend, stoop, and crawl on uneven terrain; and the ability to withstand varied environmental conditions such as extreme heat, cold, and moisture.
- Ability to work in low light, confined spaces and other dangerous environments.

At the expense of the student, please interview and examine this prospective student, and complete the form below. In the event you feel the student does have a health condition which could endanger the health or well-being of patients, faculty or students, please discuss that condition with the student and instruct the student to call the Red Rocks Community College Emergency Medical Services program director at 303-914-6552 for further instructions.

This form is valid for 12 calendar months.

You are welcome to call the Program Director with any questions at 303-914-6552. Please complete and sign the back of this sheet. Thank you.
Statement of HealthCare Provider

NAME OF PATIENT: ____________________________________________________________

I understand the above-named patient has been tentatively extended an offer of admission to Emergency Medical Services training program.

Following an appropriate history and physical examination, it is my opinion the above-named patient:

___ Does not have a health condition which could endanger the health or well-being of patients, faculty or students, including the patient himself/herself.

___ Does appear to have a health condition which could endanger the health or well-being of patients, faculty or students, including the patient himself/herself.

Additional Requirements:

Please also provide documentation of the following tests/vaccinations:

1. Chicken pox or Varivax vaccination  Date of illness or vaccination: ______________

2. Tetanus  Date of last vaccination or booster: ______________

3. MMR  Date of last vaccination or booster: ______________

4. Tuberculosis Testing (less than one year old)

   Date Tested: ______________ Date Read: ______________ Positive/Negative (circle one)

   If positive, date re-tested: ______  Date Read: ______  Positive/Negative (circle one)

   If positive, date of Chest X-Ray: _____________________________________________

   If positive, start date/end date of treatment: ____________________________________

5. Hepatitis B Vaccine (3-shot series)

   Date 1st vaccine received ______________  Titer Date (if applicable): ______________

   Date 2nd vaccine received ______________  Results: ______________________________

   Date 3rd vaccine received ______________

6. Seasonal Influenza Vaccine  Date of vaccination: ______________

__________________________________________  _________________________
Signature of provider  Date

_______________________________  __________________________
Printed name and Professional Degree of provider  Telephone number