Red Rocks Community College
Emergency Medical Technology
Associates of Applied Science

This program prepares graduates to enter the workforce as an EMT after the first semester, as an Advanced EMT after the second semester, or to enter a Paramedic course of study as an ALS provider with an Associate's degree in Emergency Medical Technology after the fourth semester. 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) – 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 – EMS IV/IO Therapy
- EMS 1133 – AEMT Medical Emergencies
- EMS 1135 – AEMT Trauma Emergencies
- EMS 1071 – AEMT Clinical Internship
- ENG 1031 – Technical Writing I

Summer 1 – 4 ch
- BIO 1006 – 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

Suggested Electives: PHI 1012, PSY 2440, PSY 2552, CHE 2111, CHE 2112, BIO 2104, BIO 2116

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RED ROCKS
COMMUNITY COLLEGE

EMERGENCY MEDICAL
SERVICES

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 (fills natural sciences requirement)
- Spring 2: Biology 2102 – Anatomy and Physiology 2 (fills general elective requirement)

Prerequisites:

- Registration for the EMT class is open enrollment and has no pre-requisites
- For the second through fourth semester the student must be eligible to enroll in ENG 1020 or provide proof of completion of ENG 1020, or its equivalent, or higher 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 on a first-come, first-served basis
- Students may enroll in the EMT program by registering for the appropriate courses through their student account in "The Rock"
- Students who are continuing into the second, third or fourth semester will need to meet with an EMS faculty member prior to enrolling for those courses

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Course Offerings:

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

Semester	Section	Days of the Week	Class Times
Summer	Section 01C	Monday – Wednesday	8:00 am – 5:00 pm
Summer	Section 02C	Hybrid (See course offerings document for schedule)	
Fall / Spring	Section 01C	Monday and Wednesday	8:00 am – 5:00 pm
Fall / Spring	Section 02C	Monday – Thursday	8:00 am – 12:00 pm
Fall / Spring	Section 03C	Thursday and Friday	8:00 am – 5:00 pm
Fall / Spring	Section 04C*	Tuesday and Thursday	6:00 pm – 10:00 pm

*Section 04C 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

Section	Days of the Week	Class Times
Section 01C	Monday and Wednesday	8:00 am – 5:00 pm
Section 02C	Thursday and Friday	8:00 am – 5:00 pm

Third and Fourth Semester Students (Pre – Paramedic)

Section	Days of the Week	Class Times
Section 01C	Tuesday	8:00 am – 5:00 pm

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

Please visit the RRCC Bookstore, or their website (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.

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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.
- Copy of COVID-19 vaccine card (If you have one)
- Proof of healthcare insurance coverage
- Proof of current AHA BLS Provider certification, or enrollment in a section of HPR 1011 that will complete before the drop date of the semester

Program Cost:

- The tuition and fees for the EMT program alone is approximately $2,500
- The tuition and fees for the AEMT program alone is approximately $3,000
- 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.
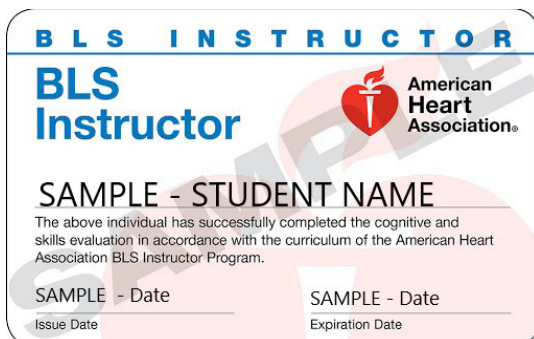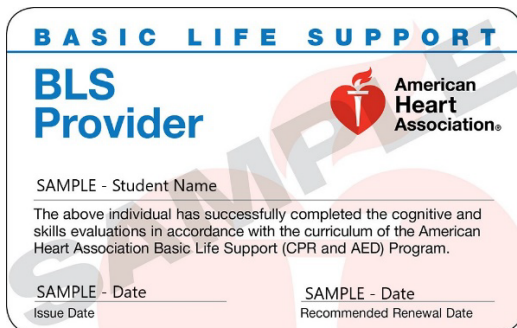
BCLS Cards for Colorado EMS Certification

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 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

- BLS Provider
- BLS Instructor

All students who do not have a CPR card that is valid through the end of their course must enroll in a section of HPR 1011 that completes before the drop date of the semester.

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Health Care Provider's
Certification of New Student's Health

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
- Emergency Medical Technician IV/IO Authorization
- Advanced Emergency Medical Technician
- Pre-Paramedic

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 Department Chair with any questions at 303-914-6552. Please complete and sign the back of this sheet. Thank you

Statement of HealthCare Provider

<u>NAME OF PATIENT</u>:_____

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 varicella 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: _____

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. COVID-19 Vaccine (if vaccinated)

   Date 1st vaccine received _____   Titer Date (if applicable): _____
   Date 2nd vaccine received _____   Results: _____

7. Seasonal Influenza Vaccine   Date of vaccination: _____

_____   _____
Signature of provider   *Date*

_____   _____
Printed name and Professional Degree of provider   *Telephone number*