



ROCK CANYON EMT PROGRAM



Welcome,

The 2025/2026 Rock Canyon High School (RCHS) Emergency Medical Technician (EMT) Program is going strong and rapidly expanding. It runs as a concurrent enrollment program in partnership with Douglas County School District and Arapahoe Community College. It consists of five sequential courses, with students receiving 12 college credit hours. Additionally, the program lasts an entire school year, and classes are divided into approximately one quarter (6-8 weeks) each, with the EMT Clinical course covering the entire second semester.

During the didactic portion of the classes, students learn about EMS systems, anatomy and physiology, disease processes, and patient assessment. The practical portion involves hands-on skills utilizing mannikins, community members, and fellow students as patients. Additionally, the program employs state-of-the-art Virtual Reality systems to safely immerse students in various simulation settings.

The goal of the program is to impart students with the knowledge and extensive hands-on training they need to not only pass the National Registry of EMTs exam but launch an EMT career in a variety of settings, such as:

- Hospitals
- Fire departments
- Ambulance service companies
- Ski Patrols
- Search & Rescue

Important Information

<u>Instructor:</u>	Mathew Rice
<u>Email:</u>	mrice2@dcsdk12.org
<u>Class Location:</u>	Rock Canyon High School, Room 4134
<u>Class Days and Times:</u>	Monday & Wednesday 0740-1040 Monday & Wednesday 1140-1440 Tuesday & Thursday 1140-1440 All session online Fridays
<u>Office Hours:</u>	After class, during access. Fridays by appointment

Mandatory Educational Material

- Emergency Care & Transportation of the Sick & Injured 12th Edition
 - ISBN: 9781284243758
- Platinum Planner Skills Tracking App.

To Empower, To Explore, To Encourage and to Excel in Education



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ARAPAHOE COMMUNITY COLLEGE

Equipment needed:

- Wristwatch with a second hand
- Black belt
- Black boots or solid-toe shoes [no tennis shoes or canvas material, they must be protective]
- Black pants (BDU or “EMT” pants are acceptable)
- Class polo shirt with logo (must be neatly tucked into pants) Provided by program
- Stethoscope
- Safety Glasses
- Penlight

Grading Scale:

The grading scale is standard nationwide for college, EMS educational programs. It is based around the scores needed to pass American Heart Association courses, the National Registry of EMTs cognitive exam and most National Association of EMT courses.

A	94%- 100%
B	87%- 93%
C	80%- 86%
F	>79.5%

Fees: Fees are assessed per course in the program. These monies are used to purchase replacement materials, additional instructors as needed, liability insurance, and the cost of the certificates of completion for several specialty courses.



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EMS 1021- EMT Fundamentals	\$65
EMS 1022- EMT Medical Emergencies	\$55
EMS 1023-EMT Trauma Emergencies	\$90
EMS 1024- EMT Special Considerations	\$0
EMS 1070- EMT Clinical	\$255
Total program fees	\$465

<u>Vaccinations</u>	Mumps, Measles, Rubella (MMR)
	Hepatitis B series
	Tetanus within last 10 years
	TB skin test or titer
	Flu vaccine, when available

Students must also have initiated the background check and drug screening by the end of the first semester. Both **MUST** be initiated by the start of the second semester, or the student will be dismissed from the program.



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EMT PROGRAM COURSES (credits)

EMS 1021- EMT Fundamentals (3)

Course Description

EMT Fundamentals introduces the Emergency Medical Technician (EMT) student to prehospital emergency care. The topics included in this course are Emergency Medical Services (EMS) systems, the well-being of the EMT, communications, documentation, anatomy, airway management, and patient assessment.

EMS 1022- EMT Medical Emergencies (4)

Course Description

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency. This course integrates the physical exam, medical history, and pathophysiology when assessing and treating the medical patient.

EMS 1023- EMT Trauma Emergencies (2)

Course Description

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, pathophysiology, and injury patterns will allow the student to assess and manage the trauma patient.



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EMS 1024- EMT Special Considerations (2 credit hours)

Course Description

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills required to modify the assessment, treatment, and transportation of special patient populations and patients in special circumstances. This course also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous materials, and terrorism.

EMS 1070- EMT Clinical (1 credit hour)

Course Description

Provides the Emergency Medical Technician (EMT) student with the opportunity to witness and participate in activities that culminate their learning.