



Department of Health Sciences

EMERGENCY MEDICAL TECHNICIAN BASIC



Emergency Medical Technician-Basic Degree: Certificate

The Mesa State College EMT-Basic course is held fall, summer, and spring semesters. **July 1** is the deadline to apply for the fall semester, **April 15** is the deadline to apply for the summer course, and **December 1** is the deadline to apply for the spring semester for priority consideration for acceptance into the EMT-Basic program. Applications received after these deadlines will be considered on a space availability basis.

The EMT-Basic class schedule for **fall and spring** is Monday and Thursday evenings from 6:00 – 10:00 p.m. The **summer** course is Tuesday, Wednesday, and Thursday from 8:30 a.m. – 5:30 p.m. Courses are held at Mesa State College in Saunders Fieldhouse. *Fall and spring courses will also have several all day Saturday and Sunday sessions throughout the course of the program. Summer course will have no Saturday/Sunday's.*

We encourage all students to apply, but be aware that students are admitted contingent upon their passing a criminal background investigation that is conducted at the expense of the applicant.

The EMT-Basic course will be held three times a year in spring, summer, and fall semesters. Watch the EMT-Basic website at: <http://www.mesastate.edu> for information updates regarding the EMT-Basic program.

The EMT-Basic, also known as EMT-1, represents the first component of the emergency medical technician system. An EMT-B is trained to care for patients at the scene of an accident and while transporting patients by ambulance to the hospital under medical direction.

EMT-Basic course work typically emphasizes emergency skills, such as patient assessment, managing respiratory, trauma, and cardiac emergencies. Formal courses are combined with skills practice and time in an emergency room or ambulance for a total of 195 contact hours. The program also provides instruction and practice in dealing with bleeding, fractures, airway obstruction, cardiac arrest, and emergency childbirth. Students learn how to use and maintain common emergency equipment, such as backboards, suction devices, splints, oxygen delivery systems, and stretchers.

Graduates of approved EMT-Basic training programs who pass a written and practical examination administered by the State certifying agency or the NREMT (National Registry of Emergency Medical Technicians) earn the title "Registered EMT-Basic". The course is also a prerequisite for the new EMT-Paramedic training program.

Required EMT-Basic Courses (10 semester hours)

EMTS 101 - EMS Basic I - 3 credit hours

EMTS 102 - EMS Basic II - 3 credit hours

EMTS 103 - EMS Basic III - 4 credit hours

**Contact Danny Barela, EMS Program Director, at
dbarela@mesastate.edu or 248-1784 to schedule an advising appointment**

FOR GENERAL INFORMATION

Kelly Losher
Administrative Assistant
Mesa State College
Department of Health Sciences
1100 North Avenue
Grand Junction, CO 81501
kloser@mesastate.edu
(970) 248-1721
Fax (970) 248-1133

EMT-BASIC COURSE DESCRIPTIONS

Course Title: EMTS 101: Emergency Medical Technician –Basic I

Course Description: Policies, rules and regulations of emergency medical services. Basic anatomy and physiology. Initial and focused assessment of patient in the field.

Credit: 3 credit hour = 60 contact hours (4 contact hours/week)

2.5 credit hours theory = 37.5 contact hours

0.5 credit hours lab = 22.5 contact hours

Format of Class: This class will utilize lecture, discussion, skills practice, scenarios, out-of-class reading assignments, presentations, and frequent evaluation of knowledge and skills.

Course Objectives:

Upon completion of course the student will be able to:

1. Discuss policies, rules and regulations related to emergency medical services.
2. Identify medical and legal issues involved in emergency medical services.
3. Identify terminology used in EMT - Basic practice.
4. Discuss safety measures to maintain the well-being of the EMT.
5. Demonstrate effective written and verbal communication skills with emergency medicine team.
6. Assess vital signs and patient history.
7. Demonstrate initial, focused, and ongoing assessment of patients.
8. Relate knowledge of basic anatomy and physiology to EMT-Basic practice.

Course Title: EMTS 102: Emergency Medical Technician –Basic II

Course Description: Management of respiratory, cardiac, CNS, endocrine, behavioral, drug, alcohol, allergy and anaphylaxis emergencies. Airway management, CPR, AED and basic pharmacology.

Credit: 3 credit hour = 60 contact hours (4 contact hours/week)

2.5 credit hours theory = 37.5 contact hours

0.5 credit hours lab = 22.5 contact hours

Format of Class: This class will utilize lecture, discussion, skills practice, scenarios, out-of-class reading assignments, presentations, and frequent evaluation of knowledge and skills.

Course Objectives:

Upon completion of course the student will be able to:

1. Demonstrate skills in airway management, CPR, and use of AED.
2. Assess patients with respiratory, cardiac, CNS, endocrine, behavioral, drug, alcohol, allergy and anaphylaxis emergencies.
3. Identify effective management strategies for respiratory, cardiac, CNS, endocrine, behavioral, drug, alcohol, allergy and anaphylaxis emergencies.
4. Demonstrate EMT-Basic skills in managing respiratory, cardiac, CNS, endocrine, behavioral, drug, alcohol, allergy and anaphylaxis emergencies.
5. Discuss basic pharmacology used in EMT-Basic practice.
6. Utilize critical thinking in managing patient scenarios.

Course Title: EMTS 103: Emergency Medical Technician –Basic III

Course Description: Management of head, spinal, abdominal, chest and extremity trauma. Basic management of pediatric, gynecologic, and geriatric emergencies. MOI, EMT safety, environmental emergencies, hazmat, triage, and incident command. Preparation for national registry written and practical examination.

Credit: 4 credit hour = 75 contact hours (5 contact hours/week)

3.5 credit hours theory = 52.5 contact hours

0.5 credit hours lab = 22.5 contact hours

Format of Class: This class will utilize lecture, discussion, skills practice, scenarios, out-of-class reading assignments, presentations and frequent evaluation of knowledge and skills.

Course Objectives:

Upon completion of course the student will be able to:

1. Recognize common methods of injury (MOI).
2. Assess patients with head, facial, spinal, chest, abdominal and extremity trauma.
3. Identify effective management strategies for head, facial, spinal, chest, abdominal and extremity trauma.
4. Demonstrate EMT-Basic skills in managing head, facial, spinal, chest, abdominal and extremity trauma.
5. Discuss management of environmental emergencies.
6. Identify appropriate management of hazardous materials.
7. Demonstrate effective skills in triage and incident command.
8. Discuss safety related to patient transport.
9. Assess patients with pediatric, geriatric and gynecologic emergencies.
10. Identify effective management strategies for pediatric, geriatric and gynecologic emergencies.
11. Demonstrate EMT-Basic skills with pediatric, geriatric and gynecologic emergencies.
12. Utilize critical thinking in managing patient scenarios.
13. Demonstrate readiness for national registry examination.

EMT-Basic Program Costs

Courses scheduled for spring/fall semesters include:

Course	Tuition and Fees (in-state with COF)
EMTS 101: EMT – Basic I Three-credit course	$576.57 + 50.00 = 626.57$
EMTS 102: EMT – Basic II Three-credit course	$576.57 + 50.00 = 626.57$
EMTS 103: EMT – Basic III Four-credit course	$768.76 = 50.00 = 818.86$
Total Tuition & Fees	\$2072.00

Tuition and fees are approximate and subject to change at any time.

APPLICATION PROCESS

1. Submit a completed **Mesa State College application**, including application fee, through the Admissions Office or reactivate application file if you have missed one semester at Mesa State College, declaring EMT-Basic as area of emphasis.
2. Submit a separate **EMT-Basic Application** (*included in this packet*) prior to application deadline to *Kelly Losher, Department of Health Sciences, Mesa State College, 1100 North Avenue, Grand Junction, CO 81501 or drop it off at the Department of Health Sciences in Saunders Fieldhouse.*
3. Submit proof of high school diploma, GED, or college transcripts with application.
4. Submit letters of recommendation from supervisor, co-worker, and personal friend with application.
5. Submit a copy of appropriate CPR certification (CPR/AED for Professional Rescuer (ARC) or CPR for the Healthcare Provider (AHA) with application.

AFTER ADMISSION TO PROGRAM

6. **Background checks** are required if enrolled in the EMT-Basic program. To complete your background check, go to the American DataBank website <http://www.mesacx.com> and follow instructions. Students must complete the application on-line including payment of associated fees, directly to American DataBank (approximate cost (\$60.00). There is a disclosure and written consent statement on the website; the student is instructed to download two copies, sign and fax one copy to American DataBank at (303) 573-1779, and one to Kelly Losher, Administrative Assistant for the EMT-Basic program at (970) 248-1133.
7. **Immunizations:** students admitted to the EMT-Basic program are required to have a physical examination along with proof of several immunizations; proof of two Measles/ Mumps/ Rubella immunizations, Varicella, Tetanus (current within 10 years), Hepatitis B (this is a series of three immunizations), as well as a current TB skin test. (*Either a two-step TST within the past 12 months or proof of negative TST documented yearly for 2 years. If the student has proof of a one-step TST within the past 12 months, a one-step TST should be done.*)
8. **Submit proof of professional liability insurance** prior to being allowed entrance into a clinical facility. If you wish you may apply for insurance through the National Professional Group as a student. The website is <http://www.nso.com>. Should you choose to go through a different company, the policy must be comprehensive general liability insurance covering bodily injury and property damage liability with minimum coverage limits of \$1,000,000 per occurrence/\$2,000,000 general total limit, and medical professional liability insurance with minimum coverage limits of \$1,000,000 per claim/\$3,000,000 annual aggregate.
9. **Submit proof of personal health insurance.** If you do not have personal health insurance, student health insurance (major medical) is available each semester for Mesa State College students. Students must complete an enrollment form and submit it with payment to the Business Office. Additional coverage is available for spouse and children. Rates are established by the insurance provider and vary based on coverage selected. Inquire at the Mesa State College Business Office in Lowell Heiny Hall.
10. Mesa State College email is available to all students. You can set up your e-mail account by going to the Tomlinson Library computer room.

EMT-Basic Application

Semester Applying for:

Spring Summer Fall

Name _____

Address _____

City _____ State _____ Zip: _____

Date of Birth _____ MSC Student ID _____

Email _____

Phone (Day) _____ (Evening) _____

Employer _____

List any previous medical training _____

Are you currently active in emergency medical services? Yes No

If yes:

Name of Service _____

Name of EMS Supervisor _____

Supervisor phone number _____

Return complete application by appropriate deadline for priority consideration to mailing address or drop it off at the Department of Health Sciences in Saunders Field house.

Mailing Address

Kelly Losher
Department of Health Sciences
Mesa State College
1100 North Avenue
Grand Junction, CO 81501
Phone (970) 248-1721

Please take time to answer the following questions as thoroughly as possible.

1. Part 1: Describe a time when you were most satisfied or dissatisfied in your work/school.
Part 2: What was most satisfying or dissatisfying about that situation?

2. Part 1: Describe a time or situation when you had to make an immediate decision.
Part 2: What was the outcome of the situation and did it turn out as you expected?

3. Describe in detail where and how you will apply this training.

ADDITIONAL APPLICATION REQUIREMENTS

Applicant must be at least 18 years of age at the time of state testing.

Please attach the following required documentation to the application. Information listed on the application will be verified.

1. High school diploma, GED or college transcripts.
2. *Professional Care Giver* CPR certification. This means either CPR for the Professional Caregiver or CPR for the Professional Rescuer, and must include AED. *Standard BCLS CPR is not sufficient.*
3. Letters of Recommendation from supervisor, co-worker, and personal friend
4. Copy of Driver's License
5. Must go before a panel interview and pass a scholastic competency examination.

The following form “*2010-2011 Petition/Program Sheet*” is for informational purposes only and does not need to be submitted with application.

Once admitted to the program students will fill this form out for graduation purposes.



2010-2011 PETITION/PROGRAM SHEET
Award: Technical Certificate
Program of Study: Emergency Medical Technician
Specialization: Basic

http://www.mesastate.edu/academics/1011_programsheets.html

About This Major . . .

The EMT-Basic represents the first component of the emergency medical technician system. An EMT-B is trained to care for patients at the scene of an accident and while transporting patients by ambulance to the hospital under medical direction. The EMT-B has the emergency skills to assess a patient's condition and manage respiratory, cardiac, and trauma emergencies. EMT-Basic coursework typically emphasizes emergency skills, such as patient assessment, managing respiratory, trauma, and cardiac emergencies. Formal courses are combined with skills practice and time in an emergency room or ambulance for a total of 195 contact hours. The program also provides instruction and practice in dealing with bleeding, fractures, airway obstruction, cardiac arrest, and emergency childbirth. Students learn how to use and maintain common emergency equipment, such as backboards, suction devices, splints, oxygen delivery systems, and stretchers. Graduates of approved EMT-Basic training programs who pass a written and practical examination administered by the State certifying agency or the NREMT earn the title "Registered EMT-Basic." The course also is a pre-requisite for EMT-Intermediate and EMT-Paramedic training.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC Catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5. Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

NAME: _____ **STUDENT ID #** _____

LOCAL ADDRESS AND PHONE NUMBER: _____

_____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor _____ 20_____
Date

Signature of Department Head _____ 20_____
Date

Signature of Registrar _____ 20_____
Date

Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration. See the “Undergraduate Graduation Requirements” in the Mesa State College catalog for additional graduation information.

Degree Requirements:

- 2.00 cumulative GPA or higher in all MSC coursework
- 2.00 cumulative GPA or higher in coursework toward the major content area
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the MSC graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.

Required EMT-Basic Courses (10 Semester Hours)

Course No	Title	Sem.hrs	Grade	Term/Trms
EMTS 101	EMS Basic I	3	_____	_____
EMTS 102	EMS Basic II	3	_____	_____
EMTS 103	EMS Basic III	4	_____	_____

SUGGESTED COURSE SEQUENCING FOR A TECHNICAL CERTIFICATE IN EMS-BASIC

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student’s responsibility to meet with the assigned advisor and check the 2 year course matrix on the Mesa State website for course availability.

FIRST YEAR

<u>Fall or Spring Semester</u>		<u>Hours</u>
EMTS 101	EMS Basic I	3
EMTS 102	EMS Basic II	3
EMTS 103	EMS Basic III	<u>4</u>
		10

Crosswalk between MSC and CCC EMT curriculum

Mesa State College Curriculum

Community College Curriculum

EMTS 101 (3 credits)

EMTS 102 (3 credits)

EMTS 103 (4 credits)

EMT 125 - EMT Basic (9 credits)

EMT 170 - EMT Basic Clinical (1 credit)