



Mt. San Antonio College

Paramedic Program

Two paramedic classes per year:

February*

August*



Mt. San Antonio College offers an
Associate in Science Degree in Emergency Medical Services

Contact the Technology & Health Division Office at
(909) 274-4750 for more information or visit:

<http://www.mtsac.edu/medical/paramedic/index.html>

*** EMS 1 and 2 occur in advance of these start dates. See website for details**

READ EVERYTHING IN THIS PACKET THOROUGHLY BEFORE COMPLETING THE APPLICATION.

Program Dates*

* Please see our website or contact the Technology and Health Division Office for start dates and program length.

Program progression:

The Paramedic Program follows the following course sequence:

- ~ Orientation
- ~ EMS 1 (Course preparation / selection tool based upon quiz GPA and final exam grade)
- ~ EMS 2 (EMT basic skills review)
- ~ Corequisites: EMS 10, 20, 30, 40, 50 and 60 (Didactic: lecture and skills labs)
- ~ EMS 70 (Clinical [hospital] internship)
- ~ EMS 80 (Field Internship)

You must apply to Mt.SAC for the semester in which EMS 1 is offered and receive a student ID number well before the first class meeting. You must have a complete paramedic application on file **before** you can enroll in EMS 1.

Please call the Technology & Health Division Office at (909) 274-4750, no later than 10 working days before EMS 1 to check on application status.

EMS 1 will meet from 8:00 am. to 5:00 p.m. spanning a 5-week period, primarily on Tuesdays and Thursdays (see paramedic website for dates). This course acts as the selection tool for the program, **so please study well ahead of time to achieve success.**

Parking permits are required 7 days per week. You may purchase a daily parking permit from the permit dispensers available in several parking lots; please see the Campus Map on the Mt.SAC website.

PARAMEDIC CURRICULUM

EMS 1	Fundamentals for Paramedics	4.0 Units
EMS 2	Preparation for Paramedic Program	1.0 Unit
EMS 10	Anatomy and Physiology for Paramedics	3.5 Units
EMS 20	Emergency Cardiac Care for Paramedics	2.0 Units
EMS 30	Pharmacology for Paramedics	3.0 Units
EMS 40	Cardiology for Paramedics	3.0 Units
EMS 50	Paramedic Skills Competency	5.5 Units
EMS 60	EMS Theory for Paramedics	9.0 Units
EMS 70	Paramedic Clinical Internship	4.0 Units
EMS 80	Paramedic Field Externship	<u>9.5 Units</u>

44.5 Units

PARAMEDIC PROGRAM

This Paramedic Program is nationally accredited by the Committee on Accreditation of Allied Health Educational Programs (CAA-HEP) & by the Committee on Accreditation of EMS Professions (CoAEMSP) and is approved by the Los Angeles County Department of Health Services as meeting the EMS Education Standards as specified in Title 22 of the California Code of Regulations and the National Highway Transportation and Safety Administration (NHTSA) Paramedic Curriculum.

The Paramedic Program consists of an intensive didactic program lasting twenty-one (21) weeks. This is followed by ten (10) weeks of Clinical Internship in several hospitals throughout the southland (40 hours per week), and then 10 -12 weeks of Field Externship as a practicing Paramedic under the guidance and supervision of a Paramedic Field Preceptor. Reliable transportation is required throughout the program. Some clinical and field locations may be 50 miles away from Mt. San Antonio College.

ASSOCIATE IN SCIENCE DEGREE IN EMERGENCY MEDICAL SERVICES

This is highly recommended, especially for those who wish to ascend the ranks in the fire service or private EMS. The Associate in Science Degree in Emergency Medical Services is awarded upon the completion of the required courses listed in the college catalog. Refer to Section 7 of the College Catalog for courses necessary to meet the general education requirements.

COST

Please see the Schedule of Classes for the semester in which you plan to attend. Books, supplies, physicals, etc., can vary slightly. As of Summer 2014, the total costs were approximately \$2900.00. Contact program representatives for details. Many students take advantage of the Board of Governors' Fee Waiver and pay substantially less.

ADMISSION REQUIREMENTS

In addition to meeting Mt. San Antonio College's academic standards for admission, applicants must be in good standing and satisfy the following requirements:

1. **EMT** - You must be an EMT currently certified in California and submit a copy of your card with your application. If your card will expire during the twelve (12) months following the starting date of the program, you must re-certify your EMT certificate, preferably before the start of the program.
2. **EXPERIENCE LETTER** - Submit a letter on **official** stationery from your EMS employer(s) and signed by the owner/manager/chief verifying completion of a minimum of 1,200 hours within the last two (2) years of pre-hospital field experience as an EMT using your EMT Skills. In order to guarantee your success in your field internship, this experience **must contain field transport** and **should** contain 911 experience. Hospital (ED) experience is not a substitute but can count as part of your hours. Be sure your letter includes the number of hours of ambulance transport experience you have. Similarly, military experience can count towards part of your total experience hours.

If your field experience lacks 911 exposure, please begin seeking ride-along shifts with an agency **now so that you can familiarize yourself with the role that you will be assuming as a paramedic. You may **not** do ride-alongs while you are in the program.
3. **DRIVER LICENSE** - Submit a copy of your CA driver license with a photo clear enough to identify you.
4. **AMBULANCE DRIVER LICENSE** - Submit a **current** California ambulance driver license.
5. **CPR CARD** - Submit a current AHA CPR Healthcare Provider Card (includes 2-rescuer CPR) that is valid for the duration of the program.

6. **COLLEGE APPLICATION** - File an on-line College application for the semester of EMS 1 (www.mtsac.edu home page under the "Prospective Students" tab), and be accepted as a student at Mt. San Antonio College **as soon as possible after the program Orientation**. College placement examination scores cannot be accessed without a college application on file and a student ID number.

7. **PARAMEDIC PROGRAM APPLICATION** - Submit an application for the Paramedic Program to the Technology and Health Division Office, Bldg. 28A, Room 101E. (909) 274-4750.

8. **COLLEGE PLACEMENT EXAMINATION** - Take the College placement examination, AWE (Assessment of Written English), Reading and MDTP (math), at least 10 working days before the start of EMS-1. Scores should indicate that the student is eligible for at least READ 100, ENGL 68 and MATH 50. Scores indicating eligibility for courses below ENGL 68 and MATH 50 will be individually assessed to determine eligibility for the program. Having taken English and/or Math at Mt. SAC waives this required test. Transcripts must indicate completion of these courses.

For students who possess a Bachelor's degree, the AWE/READ/MDTP placement examination is not required. However, it will be necessary for students to obtain two (2) official copies of the college transcript showing the degree issued and the assessments must be officially waived by the Counseling Department. One official transcript must be sent to the Technology & Health Division Office and the other to the Admissions and Records Office.

The placement tests are administered by the Assessment Center located in the Student Services Center, Building 9B. If required, arrange with the Center a day and time to take the placement examination by calling (909) 274-4265. The Assessment Center is open Monday through Friday.

9. **TRANSCRIPTS** - Forward **two (2) official** transcripts of all course work completed at schools other than MSAC (high school, EMT, fire technology courses, and other colleges). One transcript must be sent to the **Technology & Health Division Office** and the other to the **Admissions and Records Office**. ***Division Office requires proof of high school completion—copy of diploma, GED, or transcripts.***

Please be sure to include **"Paramedic Program, Attn: Terri Hood"** in the address when sending transcripts to the Division Office.

NOTE: Involving Admission Requirement Nos. 8 and 9: If the course(s) were taken and/or the degree obtained at Mt. San Antonio College, it is NOT necessary to request transcripts. Notify the Technology & Health Division Office and your transcripts will be obtained from the division computer. You must be in good standing, with a college GPA of 2.0 or better and not be on academic probation.

10. A physical examination, verifying good health to DMV Class I & EMS DOT standards, proof of certain immunizations, a drug screen and a criminal background check are required of all candidates prior to the program start. Forms and information will be provided upon acceptance into the program and should not be done beforehand. You are accepted at the end of EMS 2.

11. Responsibility. Because the Paramedic Program stresses individual responsibility, an incomplete packet (or one without the proper copies or documentation) will result in a delay in accepting your application and the possibility that the application will not be accepted this term. ***Your packet must be complete with all of the Admission Requirements submitted to the Technology & Health Division Office by 10 working days before the start of EMS 1 for you to qualify for the next Paramedic Program. Any incomplete packets will be kept for one year. However, candidates must contact the Division Office to have their application file moved to a later class. Remember that you must bring your Mt. SAC student ID number with you the first day of EMS 1.***

PROCEDURE FOR ACCEPTANCE TO EMS 1:

An applicant's eligibility for the pre-course is based on completion of all the above admission requirements.

You will be notified of your status approximately two weeks before the start of the pre-course for which you have applied. If you have been accepted to EMS 1 (Items 1-9 are complete) you will be sent a letter which will inform you of the time and location of the mandatory EMS 1 course dates.

FUNDAMENTALS FOR PARAMEDICS (EMS 1) and Selection Criteria

TO ENSURE SUCCESS In the Paramedic Program, EMS 1 and 2 have been developed. During EMS 1, you will register and purchase required texts as listed on the program website. You will also be asked to **demonstrate mastery level knowledge of the material** that is a pre-requisite to success in the Paramedic Program.

A good paramedic candidate will have demonstrated success in EMS 1 when he or she is able to:

- ~ Identify the definitions of a large list of medical terms, abbreviations and word parts expected of a pre-hospital medical professional, properly spelling them. In EMS, documentation is crucial.
- ~ Identify and describe the various parts and aspects of Human Anatomy & Physiology at the EMT level.
- ~ Demonstrate mastery of the EMT Curriculum. You must be able to list all of the signs & symptoms & treatments for all emergencies described.
- ~ Demonstrate the ability to accurately perform basic math skills to include adding, subtracting, multiplying and dividing whole numbers, decimals and fractions, as well as perform various metric conversions, such as Celsius to Fahrenheit.

HOW TO PREPARE FOR EMS-1

Upon submitting a complete application, you will be sent **3 packets covering medical terminology, and anatomy & physiology**. Look through those and begin making flash cards as well as studying the following:

1) In order to prepare in advance of the orientation, you should begin re-reading and studying your **EMT text**. Use the chapter Learning Objectives to guide your focus. If you have an NREMT review book, this would be helpful as well. Being a good paramedic is mostly about being a great EMT.

2) In order to help ensure your success in the math necessary for safe drug calculation, homework will be assigned from the review book, **“Calculation of Drug Dosages” by Sheila Ogden**. This assignment is included in your packet. This will be due the first day of EMS 1. The math necessary for success in EMS 1 includes basic math without calculator assistance including adding, subtracting, multiplying and dividing whole numbers and fractions, unit conversions (e.g., grams to milligrams to micrograms), and metric system fundamentals.

3) Purchase the required **Paramedic Curriculum** notebook (published at Day N Nite Copy) and study it well. The most up-to-date version of the Paramedic Curriculum will be available the day of the Orientation, so **please do not pre-buy or purchase an old version**.

During EMS-1 you will take quizzes and a final exam where you will need to demonstrate competence of 80% in all knowledge areas (EMT [incl. medical terminology] and math). Remember that this is the MINIMUM. These are standards followed by local paramedic programs. Many of our candidates score well above these standards, so you would benefit by studying to ensure the highest level of knowledge possible.

EMS 1 is only a few weeks long, **please take your future into your own hands and STUDY before** coming to class. It cannot and will not – in a very few hours – cover all math skills, all medical terminology, all anatomy & physiology or review all of your EMT knowledge. You must do that before arrival. Those candidates who do not achieve an 80% or higher quiz average in all content and on the final of will be invited back to the next Pre-Course (EMS 1).

Program Preparation:

Once you successfully complete EMS 1, we would suggest you purchase the required **paramedic textbook (announced at orientation or on Paramedic Program website)** and study the sections on A & P and Medical Terminology. Purchase and read the required **AAOS Anatomy and Physiology Paramedic Text**. These books can be purchased at the Day & Nite Copy Center across the street from the College (near Jack-In-The-Box). Call for hours of operation 909 – 595 - 1108.

(Paramedic Packet: Updated 5/15)