

GLENDALE COMMUNITY COLLEGE
EMT Refresher (EMT200)
Course Syllabus

Rev.10/11

Course Number: EMT 200
Course Title: Refresher Course for EMTs
Section Number: All
Class Location: PSS113
Meeting Days / Time: TBA

Instructor: Carol Adams, CEP
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Official Course Description:

Designed to meet National Registry and Arizona Bureau of EMT (BEMS) recertification requirements for the EMT. Enhances the knowledge base of the Emergency Medical Technician (EMT) and reinforces basic skill competencies.

Text:

AAOS Emergency Medical Technician Transition Manual (2013). Jones and Bartlett Publishing. ISBN: 1-4496-0915-5.

National EMS Education Standards

The 1995 National Standard Curriculum has been replaced by the 2009 National EMS Education Standards (NEMSES). This course will reflect the new NEMSES. The AZ Bureau of EMS is currently undecided about what the requirements will be for an AZ approved transition/refresher course. Contact the AZ BEMS at 602.364.3186 for additional information.

NREMT Statement: *the following information was provided by the NREMT:*

"It is IMPORTANT TO UNDERSTAND THAT EACH STATE will establish their own transition/refresher course for their current EMS providers. These courses will allow you to meet the new requirements necessary for transitioning to the new provider levels.

The NREMT will recognize your state-approved transition/refresher education in the following manner:

- Transition hours may be used toward the current refresher hour requirements for recertification.*
- If the course is longer than the Section I refresher hours, the additional required hours can be applied toward the Section II continuing education requirements.*
- If the transition/refresher course is less than the required refresher hours, then you must make up the remaining hours of your refresher. The hours taken should focus on "refresher" type topics that will improve local EMS patient care.*
- Regardless of how long your transition course may be, EMT-Basics will have to have 24 hours of transition/refresher education; EMT-Intermediate/85s and EMT-Intermediate/99s will have to have 36 hours; and EMT-Paramedics must have 48 hours of transition/refresher education.*

The NREMT is requiring the education as part of our continued certification process but we do not provide education. Providing EMS education is a state or local EMS system responsibility."

Prerequisites:

1. Current state or NR EMT certification or certification less than two years expired. **OR** failed attempt on NR certification exam **AND**
2. Current Healthcare Provider CPR or equivalent by the last day of class.

Eligibility:

eligibility questions should be directed to the BEMS at (602) 364-3186 or the GCC EMS program director at chris.coughlin@gmail.com.maricopa.edu.

CPR Requirement:

An optional CPR recertification challenge will be offered as part of the EMT200 course for those students whom have completed the required online component (see below). Students are required to provide a copy of their current CPR card on the first day of class. The card must be Healthcare Provider Level or equivalent. Contact the EMT Department at (623) 845-3205 if you have questions about your CPR status.

Online CPR Renewal for Healthcare Providers

You complete all course work and the written exam online through the American Heart Association. Once completed, you complete the skills validation with your instructor. The AHA required online portion is about \$20 (payable to AHA, not GCC). There is no charge for the skills validation for EMT200 students. Your card will be issued prior to the last day of class. Bring the online completion certificate to your instructor (required).

Required materials for online renewal:

1. AHA Healthcare Provider Manual
2. BLS for Healthcare Providers Online Renewal Course (Item# 90-1403)

Can be purchased through:

- Channing-Bete: <http://aha.channing-bete.com> 1-800-611-6083
- Laerdal Medical Corp: www.laerdal.com 1-888-562-4242
- WorldPoint ECC, Inc.: www.eworldpoint.com 1-888-322-8350
- GCC Bookstore: 623.845.3551

Course Competencies:

1. Describe the scope of the duties of the basic emergency medical technician.
2. Describe the medical/legal aspects and quality improvement components in EMT-Basic patient care.
3. Identify and perform the processes of initial and ongoing assessment, the detailed physical exam, focused history, and vital signs.
4. Identify significant findings in Number 3 that indicate an emergency in any of the following categories: medical, environmental, traumatic, or surgical.
5. Identify and care for a patient in need of basic life support.
6. Use mechanical aids to breathing and circulation.
7. Identify and treat a patient in shock, including the use of the pneumatic anti-shock garment (PASG).
8. Identify and treat injuries to the head, chest, abdomen, and genitalia.
9. Identify and treat soft tissue injuries.
10. Stabilize and splint muscular skeletal injuries in the extremities.
11. Identify and treat injuries to the skull, brain, neck, and spine.
12. Identify and treat a patient with metabolic emergency.
13. Identify and treat a patient with toxicological emergency.
14. Identify signs and symptoms of patients with a communicable disease.
15. Identify and treat gynecologic and obstetrical emergencies.
16. Identify and treat pediatric emergencies to include sudden infant death syndrome (SIDS).
17. Identify and treat patients with behavioral emergencies.
18. Identify and treat patients with environmental emergencies.
19. Apply techniques used in lifting, moving, positioning, or extricating patients as to minimize discomfort and additional injury.
20. Identify and use equipment assigned to ambulance and rescue vehicles.
21. Triage and categorize patient care by priorities in a simulated disaster.
22. Respond to a simulated hazardous incident and identify management procedures.
23. Identify and treat the pulseless patient including the use of the semi-automatic defibrillator.
24. Assess the site of a peripheral intravenous infusion to determine patency of the line or infiltration.
25. Monitor the rate of delivery of an intravenous infusion solution.

Course Schedule / Outline:

See attached.

Summary of NEMSES Changes

Here is a brief summary of the most notable changes to the EMT curriculum:

1. There is no more EMT-Basic. It is now EMT.
2. The assessment format has changed:
 - Scene Size Up
 - Primary Assessment
 - Patient History
 - Secondary Assessment
 - Reassessment
3. All tests (ours and NREMT) now reflect the 2009 NEMSES and 2010 AHA guidelines.
4. Pulses are assessed before airway and breathing for unresponsive patients. (CAB, not ABC).
5. AEDs can now be used on pulseless infants as well as children and adults.
6. Oxygen is administered more conservatively. Patients with signs and symptoms of hypoxia or hypoperfusion should still receive oxygen. Patients WITHOUT signs of hypoxia or hypoperfusion with a SaO₂ of at least 94% do NOT need supplemental oxygen. The goal of oxygen therapy is to maintain a SaO₂ of at least 94%.
7. Continuous positive airway pressure (CPAP) and small volume nebulizers (SVNs) are now part of the EMT curriculum (as permitted by medical direction and local protocol).
8. If you will be taking the NREMT exam, expect a greater emphasis on terminology, anatomy, physiology and pathophysiology.

Attendance:

Students are required to attend all class sessions. There are no excused absences. Any student who misses more than four hours will be removed from class. Missed content, up to four hours, will be made up as determined by the instructor. Students removed for excessive absences will be required to retake the EMT 200 course.

Grading:

Successful completion of the EMT 200 course requires a grade of Pass on all final practical skills and at least 75% on the final written exam on the first attempt. The final exam consists of 150 multiple-choice questions. Following successful completion of all final practical skills, the final grade is based on the final exam score as follows:

- A = 90% - 100%
- B = 80% - 89%
- C = 75%-79%
- F = 74% and below (no D grades issued)

Final Testing:

The last day of class is scheduled for written and practical skills testing only. Testing will start on time and continue until completed. All students must be prepared to begin testing immediately on the last day.

Late Course Work:

Late course work will not be accepted.

Tardiness:

Class will begin and end on time. Tardiness will be recorded and will count toward the total amount of class time missed.

Dress:

While in class, students should be prepared to participate in practical skills labs. This may include bending, kneeling, light lifting and close contact with fellow students. Students should dress in discriminate but comfortable clothing.

Practical Skills Evaluation:

Practical skills are graded pass/fail. A grade of pass requires at least 80% of the total points possible for the skill without violating any listed critical criteria. Students will be given a total of three attempts to complete a final practical skill. Students who fail any final practical skill three times must repeat the EMT 200 course. Students who fail at least four of the final practical skills must also repeat the EMT 200 course.

National Registry Renewal:

National Registry recertification requires continuing education hours that are NOT provided through the EMT200 course. Those renewing their NR need to communicate directly with the NR to determine specific requirements. Visit the NR web site at NREMT.ORG for additional information. You can also contact the GCC EMT Program Director for assistance at 623.845.3205.

Entry Requirements (http://nremt.org/nremt/about/reg_basic_history.asp#Entry_Requirements)

Individuals applying for EMT-Basic certification must meet the following requirements:

- 18 years of age or older.
- Successful completion of a state-approved EMT-Basic course that meets or exceeds the U.S. Department of Transportation EMT-Basic National Standard Curriculum. You must have completed the course within the past two years. Your Program Director must verify your successful completion of the course on the NREMT web site. If your initial EMT-Basic educational program was completed more than two years ago and you have maintained state licensure at the EMT level, you must submit documentation verifying completion of an EMT-Basic refresher training program within the past two years. If your initial EMT-Basic education program was completed more than two years ago and you never gained state licensure at the EMT-Basic level, you must complete an entire state-approved EMT-Basic course prior to applying for certification.
- Verification from the Program Director that you hold a current CPR credential for health care providers and have demonstrated competence in EMT-Basic skills.
- Successful completion of a state-approved EMT-Basic *psychomotor* exam.

Notes:

- The only accommodation that the National Registry and DHS permit is additional time on the written examination for those who can document a reading disability. Students should recognize that although the instructor may provide additional accommodations during class, this does not mean those same accommodations will be provided during the National Registry exam.
- The GCC EMT Dept does NOT speak for the AZ BEMS or the NREMT. We will advise you to the best of our ability. You should ALWAYS verify eligibility or recertification questions with the appropriate agency. AZ BEMS: 602.364.3186. NREMT: nremt.org.
- Special skills notification: contact the AZ BEMS for additional information.

Audio Taping of Lectures:

Each instructor has the right to approve or disapprove audiotaping in class.

Safety:

Students are required to exercise due regard for the safety of themselves and others throughout the EMT program. Any injuries must be reported to the instructor immediately. Utilization of equipment and practicing of skills should be done only with the approval and supervision of the instructor or EMT Dept. evaluators.

Valuables:

Valuables should not be left unattended in the classroom. Secure valuables, such as purses and phones in your vehicle or keep them with you at all times.

Disability Statement:

The instructor is willing to provide reasonable accommodations for students with disabilities. If you have a disability that may have some impact on your work in this class, and for which you may require accommodations, you need to notify the Disability Services and Resources office, located in the TDS building. Their phone number is 623-845-3080.

Disclaimer Statements:

Course content may vary from this outline and the Daily Schedule in order to meet the needs of this particular group.

This is an AZ Dept. of Health Services (ADHS) Office of EMT (OEMS) Certified Training Center. The ADHS OEMS in no way guarantees the financial viability of this training center.

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Day	Time	Topic
Day 1:	2 Hours 2 Hours 2 Hours 2 Hours	An introduction to the new NEMSES Preparatory <ul style="list-style-type: none"> • Safety • Med/Legal • Communications/Documentation • Lifespan Development • Pharmacology, SVNs • Terminology Assessment <ul style="list-style-type: none"> • Scene size up • Primary assessment (ABC and CAB) • Patient History • Secondary assessment • Reassessment Airway <ul style="list-style-type: none"> • Airway management • New guidelines for oxygen therapy • Continuous positive airway pressure (CPAP)
Day 2:	6 Hours 2 Hours	Medical Emergencies Electronic patient monitoring devices <ul style="list-style-type: none"> • Non invasive BP monitoring (NIBP) • Blood glucose monitoring (BGM) • Pulse oximetry (SaO2)
Day 3:	2 Hours 2 Hours 2 Hours 2 Hours	Shock and Resuscitation <ul style="list-style-type: none"> • Review of AHA 2010 guidelines Trauma Special Patient Populations EMS Operations
Day 4:	8 Hours	Final written exam Final practical skills <ul style="list-style-type: none"> • Trauma and Medical assessment • BVM apneic patient • C-spine immobilization • Cardiac arrest / AED • Random skill Issue to students: <ul style="list-style-type: none"> • Completion letter • Certificate of completion • BEMS recertification application • NREMT practical examination verification (see program director for signature) Students: contact the EMS program director at chris.coughlin@gcmail.maricopa.edu if you do not receive the above documents or have questions about your recertification.

NOTE: times are approximate and may be adjusted at the instructor's discretion to meet course objectives

Glendale Community College
EMT Refresher Program

EMT 200 Syllabus Agreement (rev. 10/11):

This agreement shall remain in effect for the duration of the course. I have read and understand the conditions stated in the syllabus. I acknowledge that I have received a copy of the syllabus and class schedule.

Student Name (print): _____

Student Signature: _____

Date: _____

Return this page to your instructor on the first class session. Retain the rest of the syllabus for your records.

Note:

It is the student's responsibility to submit the necessary recertification documents to the AZ BEMS. Students are encouraged to hand deliver their recertification documents to the BEMS.