

## HealthONE EMS Competency Based Syllabus

<b>Course Number Identifier:</b> EMS 125	<b>Course Title:</b> EMT-Basic	<b>Credits:</b> 9
<b>Hours:</b> 180	<b>Lecture/Discussion:</b> 90 hrs	<b>Occupational Lab:</b> 90 hrs
<b>Course Description:</b>		
<p>The Emergency Medical Technician-Basic (EMT-B) is frequently the first responder to the emergency scene. To prepare these providers, a competency based educational program of didactic, clinical, and practical instruction in basic emergency care was developed. This course prepares the EMT to bring expert emergency medical care to victims of acute illness or injury, stabilize their condition, and transport safely and expediently to the hospital.</p> <p>The EMT-B typically provides prehospital care in a wide variety of circumstances. This course offers basic training in all aspects of emergency medical care within the EMT-B scope of practice. The EMT-B is prepared to administer basic life support to victims of emergencies, minimize further patient injury, and reduce recuperative time.</p>		
<b>Prerequisite(s):</b>		
<p>18 years of age, criminal background check, CPT testing (score of 80 or above), application fee, signed <i>Statement of Receipt</i>, proof of vaccinations: chicken pox, tetanus, PPD, MMR, proof of first Hep-B, BLS card, HS Diploma or GED. HealthONE EMS reserves the right to require flu immunizations as deemed necessary by HealthONE Corporate policy.</p>		
<b>Corequisite:</b>		
EMS 170		
<b>Textbook(s):</b>		
<p><i>EMT Complete: A Basic Worktext</i>, Limmer, Daniel. This text is available at the Arapahoe Community College Bookstore. ISBN #0-13-119265-5.</p>		
<b>Required Materials:</b>		
Stethoscope	Uniform	
Safety glasses with side shields	Shirt : 1 (minimum)	
Blood pressure cuff (manual)	Navy Blue or Black pants: 1	
	Dark, closed toed shoes	
<b>Recommended Materials:</b>		
Trauma shears		
Pen light		

HealthONE EMS Hours: 7:30 AM -5:00 PM

Phone: (303) 788-6317



Support services are available to students with disabilities who have a documentable need for accommodation in accordance with the Americans with Disabilities Act and the Rehabilitation Act of 1973, Section 504. To access services contact Disability Services in M143 or call (303) 797-5937.

<b>After successful completion of this course the student should be able to:</b>							
<b>No.</b>	<b>Competency</b>						
1	Demonstrate a complete patient survey and pertinent neurological assessment.						
2	Obtain appropriate pertinent medical history.						
3	Appropriately triage patients.						
4	Locate peripheral pulses (carotid, femoral, pedal, apical).						
5	Identify priorities for both trauma and medical patients.						
6	Perform CPR appropriately.						
7	Demonstrate proficient skills with the following:  <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Oxygen therapy</td> <td style="width: 50%;">Communication (both written/verbal)</td> </tr> <tr> <td>Suction equipment</td> <td>Airway maintenance</td> </tr> <tr> <td>Vital sign assessment</td> <td></td> </tr> </table>	Oxygen therapy	Communication (both written/verbal)	Suction equipment	Airway maintenance	Vital sign assessment	
Oxygen therapy	Communication (both written/verbal)						
Suction equipment	Airway maintenance						
Vital sign assessment							
8	Articulate his or her roles and responsibilities within an EMS system and how these roles and responsibilities differ from other levels of providers.						
9	Value the importance of personal wellness in EMS and serve as a healthy role model for peers.						
10	Integrate primary injury prevention activities as an effective way to reduce death disabilities and healthcare costs.						
11	Discuss the legal issues that impact decisions made in the out-of-hospital environment.						
12	Determine the role that ethics plays in decision-making in the out-of-hospital environment.						
13	Apply the general concepts of pathophysiology for the assessment and management of emergency patients.						
14	Integrate the principles of therapeutic communication to effectively communicate with any patient while providing care.						

**After successful completion of this course the student should be able to:**

<b>No.</b>	<b>Competency</b>
15	Establish and maintain a patent airway, oxygenate, and ventilate a patient.
16	Use the appropriate techniques to obtain a medical history from a patient.
17	Explain the pathophysiological significance of physical exam findings.
18	Integrate the principles of history taking and techniques of physical exam to perform a patient assessment.
19	Document the essential elements of patient assessment, care and transport.

### Grading Policy:

1. The course consists of skills and written unit exams and a final exam. The passing grade for each written exam is 80%. This accounts for 60% of the final course grade. Participation and attendance account for 10% and the final exam is worth 30%.
2. Quizzes may be administered at any time at the discretion of the instructor.
3. Any and all information disseminated during the course is considered testable material. All test questions are based on program objectives and those objectives added to the curriculum by HealthONE EMS.
4. The initial score on each exam will be recorded on the student grade sheet and calculated toward the final grade.
5. Retest exams must be taken within one week of the failed exam. Retests should be scheduled through the Course Coordinator. The retest score must be 80% or greater to remain in the program.
6. Practical exams are given at intervals throughout the course. Each student must demonstrate competence of all skills.
7. Students are not permitted to leave the testing area until they have completed the evaluation.
8. Electronic devices such as cell phones, PDAs, and laptops are to be silenced while in class and are allowed for note taking only. If a student is seen accessing an electronic device during an exam, a final course grade of "F" will be awarded and dismissal from the course will result.
9. If a student is absent for an exam and prior arrangements have not been made with the Course Coordinator, the maximum score attainable on that particular exam is 80%.
10. A total of two (2) written exams may be retested during the course, including the final exam. Failure of a retest constitutes failure of the program.
11. Only two (2) exams are allowed to be taken on dates other than those scheduled and only if the Course Coordinator excuses the absences on the test dates in advance. The student must take the exam within 1 week of the scheduled date.
12. Grades will be assigned as follows:

A 94-100	D 78-85
B 87-93	F 0-79
C 80-86	

### Course Weighting:

- 6 Unit written exams (60%)
- 1 Final comprehensive written exam (25%)
- 1 Oral exam (5%)
- Attendance (5%)
- Participation (5%)

### **Attendance Policy:**

1. The student must attend all lessons. At the discretion of the program director or coordinator, a student missing a lesson may demonstrate the fulfillment of all skills and knowledge covered in the missed lesson.
2. When an absence must occur, the student must notify the Course Coordinator.
3. Students who leave class early without prior permission of the Course Coordinator will have an absence recorded for that class period.
4. Any student who arrives at class more than 10 minutes after the scheduled start time will be considered tardy. A student who is tardy more than three (3) times will have an absence of four (4) hours recorded unless prior arrangements have been made with the Course Coordinator.
5. Excessive absences and/or tardiness may be considered as cause for dismissal from the program.
6. The student must attend classes as scheduled. In the event a student must miss a class session, no more than 12 hours of lecture may be made up via tutor or by attending a concurrent session and no more than 8 hours of lab may be missed or made up via tutor. If the student feels they need directed assistance, they can contact a tutor from the provided list and make arrangements on their own.
7. If a student is not able to attend their four-hour commitment in the Simulation Model/Helper Program, they must notify the Course Coordinator. If the above rescheduling criteria is not met the student will need to double the hours of commitment from four to eight. This absence will be tracked in the clinical attendance records.
8. Students who find that they are unable to continue a class should complete a Withdrawal form in the Admissions and Records office. All students are encouraged to read the academic requirements in the College Catalog.