

## HealthONE EMS Competency Based Syllabus

<b>Course Number Identifier:</b> EMS 130		<b>Course Title:</b> Intravenous Therapy			<b>Credits</b> 2
<b>Hours:</b> 24 hours	<b>Lecture/Discussion</b> 12 hours	<b>Occupational Lab</b> 12 hours	<b>Clinical</b> 1 ER clinical (8 hours)	<b>Field</b> 0	
<p><b>Course Description:</b></p> <p>The Emergency Medical Technician-Basic (EMT-B) is frequently the first responder to the emergency scene. Often, the patient’s condition warrants the initiation of IV therapy. To prepare providers to perform this skill, a competency based educational program of didactic, clinical, and practical instruction in IV therapy was developed. This Course prepares the EMT-B to establish vascular access to victims of acute illness or injury, to draw blood samples, to administer IV glucose in accordance with local protocols, and to document this procedure on the patient care report (PCR).</p>					
<p><b>Prerequisite(s):</b></p> <ol style="list-style-type: none"> <li>1. State EMT Basic certificate</li> <li>2. Current immunizations</li> </ol>					
<p><b>Textbook(s):</b></p> <p><i>IV Therapy for EMS</i>, Benner, Randall W. and James W. Drake. New Jersey: Brady Publishers.</p>					
<p><b>Required Materials:</b></p> <p>Safety glasses with side shields or appropriate clinical eyewear</p>					

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.

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	Set-up IV equipment using aseptic technique
2	Perform venipuncture using aseptic technique
3	Obtain a blood sample using aseptic technique
4	Insert an IV catheter using aseptic technique
5	Perform glucose level testing
6	Administer 50% dextrose

**Grading Policy:**

1. The course consists of a skill and written final exam. The passing grade for each exam is 80%.
2. Quizzes may be administered at any time at the discretion of the instructor. Quizzes will be utilized to reinforce knowledge and will have minimal impact on grade average.
3. Final exams are not reviewed with students unless a retake is necessary.
4. Any and all information disseminated during the course is considered testable material. All test questions are based on the objectives.
5. The initial score on each exam will be recorded on the student's grade sheet and calculated towards the final grade.
6. Retest exams must be taken within one week of the failed exam. Schedule retest through Course Coordinator. The retest score must be 80% or greater to remain in the course.
7. Each student must demonstrate mastery of all skills.
8. Students are not permitted to leave the testing area until they have completed the examination.
9. Clinical rotations are evaluated on a pass/fail basis.
10. If a student is absent for an exam, the maximum score attainable on that particular exam is 80%.
11. If the Course Coordinator excuses an absence on the test date in advance, the student must take the exam within one week of the scheduled date.
12. Students not submitting their IV Clinical Log, photo ID, and all prerequisites within 60 days of successfully completing the final exam will receive an "F."
13. Grades will be assigned as follows:

A 92-100	D 70-74
B 85-91	F 0-69
C 75-84	

**Number of Examinations:**

Final written  
Practical final

**Attendance Policy:**

1. The student must attend all lecture and clinical sessions.
2. When an absence must occur, the student must notify the Course Coordinator.
3. Any missed lecture must be made-up prior to the exam covering the missed content. If missed content is not made-up prior to the exam, student will receive a failing grade on that exam. The student may make-up missed content by: attending the lecture in a concurrent class or by arranging for a private tutor at the student's expense.
  - a. Private tutors must be selected from a list of approved tutors provided by the Course Coordinator.
  - b. No instructor or employee of HealthONE EMS may be retained as a private tutor.
4. Students who leave class early without prior permission of the Course Coordinator will have an absence recorded for that class period.
5. 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 times will have an absence of four hours recorded unless prior arrangements have been made with the Course Coordinator.
6. Excessive absences and/or tardiness may be considered cause for dismissal from the course. This time will be considered unrecoverable and may not be made up via tutoring.
7. The student must attend classes as scheduled. In the event a student must miss a class session, no more than four hours of lecture may be made-up via tutor and no more than four hours of lab may be missed or made-up via tutor.
8. If a student is unable to attend an assigned shift or clinical rotation, it is the student's responsibility to notify the clinical area and the Course Coordinator. A \$50.00 rescheduling fee will be assessed per shift and must be paid prior to rescheduling. If the following criteria is met, a rescheduling fee will not be charged, but the shift is still noted as a missed shift:
  - a. Death in the family with submission of a memorial card
  - b. Illness with a written doctor's excuse
  - c. Illness of significant other/child with written doctor's excuseEach student is limited to one rescheduled shift. More than one will be cause for dismissal from the course.

<b>Instructor's Name:</b> <b>Catherine Miskimon</b>	<b>Phone:</b> 303-788-6329	<b>E-mail:</b> <a href="mailto:Catherine.Miskimon@HealthONEcares.com">Catherine.Miskimon@HealthONEcares.com</a>
<b>Robert Vroman</b>	303-788-6397	<a href="mailto:Robert.Vroman@HealthONEcares.com">Robert.Vroman@HealthONEcares.com</a>
<b>Instructor's Office Hours:</b> Catherine Miskimon: Tuesday - Friday, 8:00 AM - 5:00 PM  Robert Vroman: Monday - Friday, 8:00 AM - 5:00 PM		