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ECP 121.02: Emergency Medical Responder Lab

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EMERGENCY MEDICAL RESPONDER & CPR/AED LABORATORY

ECP 121 (section 01 & 02) - 1 Credit

Instructors: Scott T. Richter Joe Blattner
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Required Text: Emergency Medical Responder, 2010, 5th Edition, Jones and Bartlett Publishers.
Website: www.FirstResponder.EMSzone.com

Required Supplies: CPR pocket mask and first aid kit. These items are available at the UM Bookstore.

Course Websites: <http://umonline.umt.edu/> Moodle Login

Attendance: Attendance is mandatory. The *maximum* number of class periods that a student is allowed miss is 2. This includes excused absences. Students who miss more than 2 classes will not be eligible to complete the final practical examination; therefore they will receive an "Incomplete" or an F. Students are responsible for completing missed assignments and material.

Tests: There will be several quizzes and skills sheets and one final practical examination. Students are expected to complete a series of practical checklists by having the instructor monitor and check them off. Upon completion, each student must turn in each checklist/skill sheet. If all of the checklist/skill sheets are not completed students will receive an "Incomplete" in the course until they are finished.

Grading Scale:

A: (93%)	B-: (80%)	D+: (67%)
A-: (90%)	C+: (77%)	D: (63%)
B+: (87%)	C: (73%)	D-: (60%)
B: (83%)	C-: (70%)	F: < 60% points.

Certification Cards: If you wish to receive your AAOS first aid card and your AHA CPR card, drop off a self-addressed, stamped envelope to the HHP office by the end of the semester so we can mail them to you.

*Only those who receive 84% or above on each test can receive AAOS and AHA CPR cards. If you score below 84%, you will have the opportunity to retake the test at the end of the semester. This will enable you to receive your AAOS and AHA cards, but **will not** change your grade in the course.*

Educational Outcomes:

1. Demonstrate the ability to perform scene safety, primary, and secondary surveys
2. Obtain a medical history appropriate for patient's ability to respond
3. Obtain and monitor signs of basic body functions including pulse, blood pressure, respiration, pulse oximetry, pain, and core temperature. Relate changes in vital signs to the patient's status.
4. Establish and maintain an airway, including the use of oro- and nasopharyngeal airways, and neutral spine alignment in an athlete with a suspected spine injury who may be wearing shoulder pads, a helmet with and without a face guard, or other protective equipment.
5. Utilize an automated external defibrillator (AED) according to current accepted practice protocols.
6. Perform one and two person CPR on an infant, child, and adult.
7. Utilize a bag valve and pocket mask on a child and adult using supplemental oxygen.
8. Administer supplemental oxygen with adjuncts (non-rebreather mask and nasal cannula).
9. Select and use appropriate procedures for cleaning, closure and dressing of wounds, identifying when referral is necessary.
10. Select and use the procedure for managing external hemorrhage.
11. Use the appropriate cervical stabilization devices and techniques
12. Demonstrate the proper positioning and immobilization of a patient with a suspected spinal cord injury
13. Perform patient transfer techniques for patients with suspected head & spine injuries utilizing supine log roll, prone log roll with push, prone log roll with pull and lift and slide techniques.
14. Select the proper spine board, including long board, short board or KED vest and use appropriate immobilization techniques based on the circumstance of the patient's injury.
15. Instruct the patient how to use a meter-dosed inhaler in the presence of asthma-related bronchospasm.
16. Demonstrate how and when to use an auto-injectable epinephrine in the management of allergic, anaphylaxis.
17. Understand how to recognize musculoskeletal injuries and how to select appropriate splinting material to stabilize an injured body part.

<u>Topics:</u>	<u>AAOS Chapters</u>
Disease precautions.....	2
Victim assessment.....	8
Bleeding and Shock	13
Wounds	13
Dressings and Bandages.....	13
CPR & Obstructed Airway.....	7
Musculoskeletal Injuries	14
Head and Spine	14
Chest Abdominal & Pelvis.....	14
Emergency Rescue & Transfer	18, 20
Sudden Illnesses.....	10

EMERGENCY MEDICAL RESPONDER & CPR LABORATORY

SCHEDULE

Week 01	JAN	28/30	TU/TH	Introduction & Basic Anatomy Review
Week 02	FEB	4/6	TU/TH	Vital Signs/Primary/Secondary Survey
Week 03	FEB	11/13	TU/TH	Bleeding, Burns & Shock
Week 04	FEB	18/20	TU/TH	Adult BLS CPR
Week 05	FEB	25/27	TU/TH	Pediatric BLS CPR
Week 06	MAR	4/6	TU/TH	Bandaging and Dressings
Week 07	MAR	11/13	TU/TH	Splinting LEXT
Week 08	MAR	18/20	TU/TH	Splinting UEXT (cont) Spine & Head Injuries
Week 09	MAR	25/27	TU/TH	Spine & Head Injuries
No Class	APR	1/3	TU/TH	Spring Break – No CLASS
Week 10	APR	8/10	TU/TH	O2 Administration/Airways/meter-dosed inhaler/Epipen
Week 11	APR	15/17	TU/TH	Emergency Rescue & Transfer
Week 12	APR	22/24	TU/TH	Situations/Mock Practical Exam
Week 13	APR/MAY	29/1	TU/TH	Final Practical Examination
Week 14	MAY	7/9	TU/TH	Final Practical Examination
Week 15	MAY	13/15	TU/TH	Final Practical Examination Make-ups

* Please be aware this schedule is subject to change.