

1-2014

ECP 120.01M: Emergency Medical Responder & CPR/AED

Scott T. Richter

University of Montana - Missoula, scott.richter@mso.umt.edu

Joseph Blattner

University of Montana - Missoula, joseph.blattner@umontana.edu

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Recommended Citation

Richter, Scott T. and Blattner, Joseph, "ECP 120.01M: Emergency Medical Responder & CPR/AED" (2014). *Syllabi*. 2489.
<https://scholarworks.umt.edu/syllabi/2489>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

Emergency Medical Responder & CPR/AED
ECP 120– 2 credits –blended learning format

Instructor:	Scott T. Richter	Joe Blattner
Office:	McGill 102	McGill 130
Office Hours:	Posted on Door	NA
Phone:	243-5246	Contact via email
Email:	scott.richter@mso.umt.edu	joseph.blattner@umontana.edu

Required Text: AAOS – Emergency Medical Responder, 5th edition, Jones and Bartlett Publishing Company

Co-Requisite ECP 121-01 (T 1:10-3:00) or ECP 121-02 (R 1:10-3:00)

Course Websites: <http://umonline.umt.edu/> **Moodle Login**
Website: www.EMR.EMSzone.com

Course Completion Criteria:

Quizzes, Tests, Assignments, Activities: There will be weekly Moodle quizzes and assignments which must be completed by Sunday @ 1100 (no exceptions). Also, there will be activities/quizzes during the face-to-face portion of class based on the weekly assigned PPT slides and online assignments/quizzes. There will be four (3) written exams plus a final exam. All the exams will be given online. Your grade will be calculated as follows: Exams: 65%, Moodle Quizzes: 10%, Online Assignments: 10%, In-class Participation/Attendance: 10%, First Aid Kit 5%.

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 Emergency Medical Responder card (current for 3 years) and your AHA CPR card (current for 2 years), drop off a self addressed, stamped envelope to the HHP office (McGill 101) by the end of the semester. We will mail your cards to you. If you don't give us an envelope, the cards will remain in the office until you pick them up.

*Only students who receive an 80% or better on each exam will receive AAOS Emergency Medical Responder (EMR) cards. Students must receive at least an 84% on the American Heart Association (AHA) exam to receive their CPR cards. If you score below the minimum grade, you can complete a remediation examination **before the next class exam**. Contact Scott to open the remediation exam on Moodle. Completing the remediation exams with a grade of 80% or better will allow you to receive your EMR/CPR certification cards. **The score you receive on a remediation exam will not change your initial grade on the exam.***

Educational Outcomes:

1. Understand the process of perform scene, primary, and secondary surveys
2. Know how to obtain a medical history appropriate for patient's ability to respond
3. Understand how to 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. Understand how to 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. Understand how to utilize an automated external defibrillator (AED) according to current accepted practice protocols.
6. Know how to perform one and two person CPR on an infant, child, and adult
7. Know how to utilize a bag valve and pocket mask on a child and adult using supplemental oxygen.
8. Understand the procedure to administer supplemental oxygen with adjuncts (non-rebreather mask and nasal cannula).
9. Know the appropriate procedures for cleaning, closure and dressing of wounds, identifying when referral is necessary.
10. Know the procedure for managing external hemorrhage.
11. Understand the appropriate cervical stabilization devices and techniques
12. Know the proper positioning and immobilization of a patient with a suspected spinal cord injury
13. Understand 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. Know how to 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. Understand how to instruct the patient how to use a meter-dosed inhaler in the presence of asthma-related bronchospasm
16. Understand 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>Lecture Topics:</u>	<u>AAOS Chapters:</u>
Intro to First Aid and Emergency Care	1
Disease precautions	2
Medical, Legal and Ethical Issues	3
The Human Body	5
Patient Assessment	8
Shock & Wounds	13
Dressings and Bandages	13
CPR, Obstructed Airway & AED	7
Oxygen Administration & Airway Management	6
Musculoskeletal Injuries	14
Head and Spine Injuries	14
Chest Abdominal & Pelvis	14
Poisons	11
Bites and stings	11
Burns	13
Environmental Emergencies	12
Emergency Rescue & Transfer	18, 20
Medical Emergencies	10
Emergency Childbirth	15
Pediatric Emergencies	16
Geriatric Emergencies	17
Haz-Mat/Incident Management	21

IMPLEMENTATION:

Classroom Technology: The classroom is equipped with a computer (and internet access), LCD monitor, screen, overhead projector, television, and VCR/DVD. We will routinely supplement our face-to-face meetings with activities/questions about weekly online PowerPoint presentations and assignments to motivate student-instructor interaction and discussion.

Questions Asked: We will be utilizing a variety of interactive activities (games, group discussion, etc.) to test basic knowledge of course content. For example, knowledge of the human body and assessment protocols used in emergency medicine is a component of each theory class; thus, questions related to human body and assessment procedures will be included in classes.

American w/Disabilities Act (ADA): *The University of Montana upholds the ADA by providing reasonable accommodations to individuals with disabilities. If any student requires reasonable accommodations to adequately perform the duties of the class, please see the instructor as soon as possible so that a plan can be made for specific modifications.*

Student Conduct Code: *All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at http://life.umt.edu/vpsa/student_conduct.php*

DATE	WEEK/SUBJECT	MODE OF TEACHING
Jan 27-Feb 02	Week One Intro to First Aid Legal Implications/Disease Precautions Blood Borne Pathogens	Blended Blended Blended
Feb 03-09	Week Two Body Systems Patient Assessment EMS Systems/Mechanisms of Injury	Blended Blended Blended
Feb 10-16	Week Three - Exam 1 Bleeding and Shock Soft Tissue Injuries	Blended Blended
Feb 17-23	Week Four – Exam 2 - CPR Adult/Pediatric CPR O2 Administration & Airway Management	Blended Blended
Feb 24-Mar 02	Week Five Chest Injuries & Respiratory Emergencies Abdominal Injuries	Blended Blended
Mar 03-09	Week Six Musculoskeletal Injuries Head and Neck injuries	Blended Blended
Mar 10-16	Week Seven Emergency Rescue & Transfer Burns	Blended Blended
Mar 17-23	Week Eight Bites, Stings & Rubs Poisoning & Substance Abuse	Blended Blended
*Mar 24-April 06	Week Nine - Exam 3 <i>Heat Emergencies/Illness</i> <i>Cold Emergencies</i>	<i>Blended</i> <i>Blended</i>
March 31-April 04	SPRING BREAK	
Apr. 07-13	Week Ten Haz-Mat & Incident Command (Triage) Medical Emergencies	Blended Blended
Apr 14-20	Week Eleven Pediatric Emergencies Geriatric Emergencies	Blended Blended
Apr 21-27	Week Twelve Emergency Childbirth Behavioral Emergencies	Blended Blended
Apr 28- May 04	Week Thirteen Wilderness Emergency Care Communications & Documentation	Blended Blended
*May 05-11	Week Fourteen <i>HEENT Injuries</i> <i>Vehicle Extrication & Special Rescue</i>	<i>Blended</i> <i>Blended</i>
May 12-16	Week Fifteen – Exam 4 – Final	

** Schedules modified to accommodate spring break and finals*