

MONTGOMERY COLLEGE

Department of Health Enhancement, Exercise Science and Physical Education
Rockville Campus

SYLLABUS

HLTH 220 – EMERGENCY MEDICAL RESPONDER (3 Credits)

I. Instructor Information

II. General Course Information

Catalog Description:

Provides a comprehensive study of emergency care principles and procedures. Course includes CPR and Automated External Defibrillator; aids in resuscitation and oxygen administration; management of bleeding and injuries; and care of special patients including obstetric, pediatric, and elderly. Course is designed for individuals who are likely to be the Emergency Medical Responders to an accident or emergency scene such as a teacher, security personnel, health care providers, personal trainers, etc. Students must pass all competency exams with a score of 70% or better and achieve an overall course grade of "C" or better to receive Emergency Medical Responder and Health Care Provider CPR certifications. Assessment levels: ENGL 101/101A, READ 120. Three hours each week.

This is a Blended course, which means that students will meet during scheduled class meetings and will be required to complete additional coursework online and through independent study.

HLTH 220 fulfills a General Education Program Health Foundation requirement for students matriculating prior to Fall 2017. Montgomery College's General Education Program is designed to ensure that students have the skills, knowledge and attitudes to carry them successfully through their work and personal lives. This course provides multiple opportunities to develop two or more of the following competencies: written and oral communication, scientific and quantitative reasoning, critical analysis and reasoning, technological competency, and information literacy. For more information, please see <http://cms.montgomerycollege.edu/gened/>.

Purpose of the Course:

The purpose of this course is to provide the Emergency Medical Responder with the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical help can arrive.

The course content and activities will prepare participants to make appropriate decisions about the care to provide in an emergency. The course teaches the skills an Emergency Medical Responder needs to act as a crucial link in the emergency medical services (EMS) system.

III. Specific Outcomes

By the end of the course, the student will be able to:

- Explain how the EMS system works and the citizen responder's role in the EMS system.
- Identify guidelines to follow to ensure personal safety and the safety of others at an emergency scene.
- Explain what happens in the body if one or more body systems fail to function.
- Identify ways in which diseases are transmitted and describe the universal safety precautions of prevent transmission.
- Explain four emergency action principles and victim assessment procedures.
- Recognize breathing emergencies, such as choking, and provide proper care for them.
- Recognize life-threatening bleeding and demonstrate how to control and bandage.
- Identify the major risk factors for cardiovascular disease and injury, and describe how to control them.
- Recognize the signs and symptoms of a possible heart attack, and describe how to care for someone who is experiencing persistent chest pain and/or other signs and symptoms of heart attack.
- Recognize the signs and symptoms of cardiac arrest, and demonstrate how to provide cardiopulmonary resuscitation (CPR).
- Identify breathing devices and demonstrate how to use them.
- Recognize the signs and symptoms of shock, and describe how to minimize the effects of shock.
- Recognize the signs and symptoms of various soft tissue and musculoskeletal injuries, and demonstrate how to care for them.
- Recognize the signs and symptoms of medical emergencies, including poisoning, heat and cold emergencies, and stroke, and describe both general and specific care for medical emergencies.

IV. Texts and Supplies

Required texts: (Save your receipt in order to receive certification.)

Emergency Medical Responder, 6th Edition (2017), American Academy of Orthopedic Surgeons – ISBN: 9781284134186

Required item: CPR Pocket Mask w/ one-way valve [available in bookstore (behind counter) or online]

Required: Internet access for emails and coursework. Montgomery College computer labs are available. This course utilizes a Blackboard site available through MyMC.

V. Grading

A. Requirements

→ **VERY IMPORTANT:** This is a comprehensive, skills-based course; in order for the student to pass the course with a grade of "C" or better, regardless of the student's grade average in the course, the **student must take all written and skills tests (if eligible)** and have **no absences (excused or unexcused)**. In addition, students must maintain a 70% average and can score

no lower than 70 percent on any of the exams or skills tests listed below. A **maximum grade of "D"** will be awarded to those who do not earn a 70 percent or greater on all exams and skills tests. A grade of "C" or better means the student is eligible to receive AAOS certifications.

B. Course Grading

Tests	500 points
CPR Skills Test	100 points
First Aid Skills Practice/Testing	100 points
Writing/Firehouse Visit Project	100 points
Online Homework Assessments	200 points
Total	1000 points

Tests (500 points)

There will be 4 written tests (3 tests @ 100 points, 1 final exam @ 200 points). Tests are comprehensive and will take into account previously learned material, from which the student may need to draw information in order to complete test questions. Each test will consist of multiple-choice questions. Tests will cover all material covered in class (lecture, discussions, videos) and readings from textbook. Students will have one hour to complete exams 1 through 3, and two hours for the final exam. All tests will be completed online.

Students must score at least 70 percent on each test/exam. Students scoring less than 70%, but at least 60%, may be eligible to retest any one (1) exam one (1) time only. I.e., a student may have a single attempt at retaking only one exam (not more than one exam, not more than one retest). **Failure to pass (including retesting) any exam will result in a maximum grade of a "D" for the semester. The student may continue in the course but will not be eligible for certifications, skills testing, or a grade of "C" or better regardless of total points earned. This is non-negotiable.**

Retests: Retests will be a different exam than the original and will be given online. Students retesting an exam must score sufficient points on the retest to result in an average (original test and retest) score of at least 70% to receive a passing grade. A passing grade of 70% on the exam will be awarded for students successfully retesting, no matter what the average score. If the test is not passed, the student can receive no better than a "D" in the course.

Skills Participation/Testing (200 points)

CPR and first aid skills will be assessed by the Instructor and will include performing skills on manikins and/or on fellow classmates as appropriate. Skills **MUST** be successfully completed as part of certification qualification (see below). Therefore, a failing grade in skills (CPR and/or first aid) **will** result in no better than a grade of "D" in the class. **Students who do not pass all online tests are not eligible for certifications and, as a result, are not eligible for skills testing (CPR and/or first aid).**

NOTE: See required items list, as you will **not** be able to complete CPR portion of class without the pocket mask for both practice and testing.

Additional skills (other than during testing) will be demonstrated and students must participate in order to receive credit. **Failure to participate in skills practice sessions will result in no better than a grade of "D" in the class (and no certifications).**

Writing/Research Assignment (100 points)

Visit a Fire/Rescue/EMS station. It is recommended that you set up an appointment prior to your visit. You will be given a list of questions to ask and you will submit a report detailing your experience. Your report should be written in essay format. Further details will be given in class.

→ **IMPORTANT NOTE:** Spelling and grammar will be graded along with content. Students should follow the guidelines outlined in the "Writing Guidelines for Health & PE" handout.

Online Homework Assignments (Chapter Assessments) (200 points)

There are 21 online homework assignments (chapter assessments). The lowest assessment score will be dropped. Students will complete the questions in Blackboard for each assigned chapter. It is the student's responsibility to keep track of all deadlines. All chapter quizzes are due at 11:59 pm on the day prior to the scheduled lecture/practice session. For example, if we are lecturing on Chapter 1 on Monday, September 11th then the chapter assessment is due on Sunday, September 10th at 11:59 pm. If a student is not familiar with Blackboard, he should contact the instructor for instruction prior to the first homework due date.

C. Standards

Final grades will be determined by percentage of total points accumulated:

- A 90% - 100% **and** eligible for certification
- B 80% - 89.99% **and** eligible for certification
- C 70% - 79.99% **and** eligible for certification
- D 60% - 69.99% **and/or** not eligible for certification
- F < 60% (not eligible for certification)

Note: A maximum grade of "D" is awarded to those who do not meet certification requirements. An "F" is awarded to those with less than a 60% average. Students who are not eligible for certification cannot participate in skills testing (CPR and/or first aid) and will have their scores adjusted accordingly but can still only receive a D or F as a final grade.

D. Make-up Policy

No make-up tests will be given without proper documentation. Skills cannot be made up. If an emergency occurs, you must contact the Instructor within 24 hours of the exam (via phone or email). You must have documentation for missing the exam (car repair bill, police report, proof of major illness, etc.).

E. Late Policy

Students are expected to arrive for class on time. Arriving late is distracting to other students and the instructor. Three (3) late arrivals (more than 5 minutes),

as documented by the instructor, will constitute (1) full absence and will apply to attendance policy. Arriving more than 15 minutes late constitutes an absence.

Late assignments will not be accepted.

F. Audit Policy

Students who audit the class are normally exempted from tests. However, in order to obtain any certifications in this class, students must complete all requirements for the class including all skills and written tests.

VI. Classroom Policies

A. Attendance

Attendance will be taken at the beginning of each class. Students are expected to attend class on time. Due to certification requirements, **attendance in all classes is required**. If you have excessive absences (**ONE** in this course), as defined in the Student Handbook and College Catalog, you may be dropped from the course. *Withdrawal from the course is the responsibility of the student*. In addition, this class is designed to be interactive and you must be willing and able to express your views on the topics discussed in class and willing to interact with other students in a close environment.

B. Important Student Information

In addition to course requirements and objectives that are in this syllabus, Montgomery College has information on its web site (see link below) to assist you in having a successful experience both inside and outside of the classroom. It is important that you read and understand this information. The **link below provides** information and other resources to areas that pertain to the following: student behavior (student code of conduct), student e-mail, the tobacco-free policy, withdraw and refund dates, disability support services, veteran services, how to access information on delayed openings and closings, how to register for the Alert Montgomery System, and finally, how closings and delays can impact your classes. If you have any questions please bring them to your professor. As rules and regulations change they will be updated and you will be able to access them through the link. **By registering for this class and staying in this class, you are indicating that you acknowledge and accept these policies.**

<http://cms.montgomerycollege.edu/mcsyllabus/>

C. Cancellation of Classes

If classes are cancelled due to inclement weather, you are still responsible for the material from the textbook, and should continue to follow the schedule provided in the syllabus for reference. If there are any foreseeable changes in the schedule an email will be sent to your Montgomery College email account and it will be announced in class.

VII. Additional Information

It is expected that the student will:

- ♦ be responsible for obtaining any information and class notes from another classmate if he/she missed class
- ♦ have completed the assigned readings and assignments **before** each class session
- ♦ be prepared to discuss the assigned readings and participate in the discussion
- ♦ be respectful of the instructor and other students
- ♦ arrive on-time
- ♦ be open to new ideas and concepts
- ♦ be appropriately dressed for practical (hands-on) exercises

Student and Blackboard Email

Effective November 15, 2015, Microsoft Office 365 became the official Montgomery College student email service. Students check their email through Microsoft Office 365. Your Microsoft Office 365 ID is: "<your MyMC ID> @montgomerycollege.edu" (e.g., jsmith6@montgomerycollege.edu). The password is your MyMC password.

Your email account will be an official means of communication between you and Montgomery College. It is also the official means of communication for the HLTH 220 – Emergency Medical Responder course. It is recommended that you check this account often for official communication about the course. In addition, if you need to send an email to the professor, you may send it through this email address or your Blackboard email (see below). Any communication sent from a personal email (i.e. yahoo, hotmail or another account) will be automatically deleted from the instructor's inbox.

In this course, you also have an email account within the Blackboard course site. You may use this email to correspond with the Instructor and your classmates. Please check this email on a regular basis. It is suggested that urgent messages be sent via your MyMC email account.

Make sure emails are respectful, use proper grammar, and use correct spelling and punctuation. Do not "text message" in your emails.

Certification Information

Successful completion of this class, as defined above, will enable the student to receive American Academy of Orthopedic Surgeons (AAOS) certification in Health Care Provider CPR and Emergency Medical Responder. Specific certification requirements apply and there are no exceptions, regardless of overall grade in course.

American Academy of Orthopedic Surgeons (AAOS) Certifications:

- ♦ Emergency Medical Responder
- ♦ Health Care Provider CPR

Both certifications are valid for a two-year period. In order for the student to receive these certifications and pass the course with a grade of "C" or better, regardless of the student's grade average in the course, the **student must take**

all written and skills tests and have **ZERO** absences. In addition, students must maintain a 70% average and can score no lower than 70 percent on any of the exams or skills tests. (See Grading, above)

Blackboard – Technical Issues:

If during the course you experience a technological problem with Blackboard, you need to follow the procedures below. Following these correct procedures **may** allow you to re-submit an online assessment or be granted an extension to a course deadline (if necessary) depending on the circumstances and approval from your professor.

1. Call the IT Service Desk at 240-567-7222 to report your problem.
2. Write down the work order number received from the IT Service Desk.
3. Send an email to your professor identifying: the date and time of the phone call, the work order number, the nature of the problem, the steps to resolution suggested by Blackboard and the outcome of the phone call. This email must be sent within 1 hour of contacting the IT Service Desk.

**If in doubt, contact the IT Service Desk if you are experiencing a problem. Students who do not follow the instructions above will not be able to resubmit work due to technical errors.*