



EHS – 202 Syllabus Summer 2015

Mon, Wed, Thu.....6:00 p.m. – 9:00 p.m. (Sherman Hall Rm. 305)

MIEMSS course number #

Faculty

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Medical Director: Matthew Levy, DO, M.S., NREMT-P
EHS Dept. Chair: Bruce J. Walz, PhD
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Course Description

The first semester of a two-semester course covering patient care management, medical emergencies, basic cardiac life support, respiratory emergencies and pharmacological treatments. Includes the lecture and laboratory elements required for State of Maryland Emergency Medical Technician and National Registry of Emergency Medical Technician certification course sequence.

A clinical laboratory will be held in part with EHS 202 and account for a part of the course grade. You will be evaluated based on your mastery of the skills taught and reviewed in the lab sessions. Students must wear appropriate clothing for participation in physical activities commonly encountered by EMS providers. Students will be working on the floor, in the ambulance simulator, and various other locations. Students are also encouraged to provide their own stethoscope. Any student not able to participate as a partner in the lifting of a normal adult male should discuss his or her continued participation in EHS 202 with their advisor and the laboratory instructor. Temporary medical conditions preventing full participation in laboratory exercises must be documented with a note from a licensed health care professional clearly stating the extent and time frame of limited activity.

If a student has a **LATEX ALLERGY**, they must notify the instructor immediately.

At the conclusion of each lab session, students will be expected to assist with the cleaning, restocking, and replacement of all laboratory supplies and equipment.

Required Textbooks

Emergency Care and Transportation of the Sick and Injured 10th Edition, Textbook
Emergency Care and Transportation of the Sick and Injured 10th Edition, Workbook
BLS For Healthcare Providers – with CD, American Heart Association
Maryland State Protocols **Provided by the Department of EHS and MIEMSS**

Required Equipment

As a potential EMT-B and an active pre-hospital provider, it is important that you practice disease prevention measures. Though all the equipment and supplies needed for practicing patient care are provided for your use in class, frequent use of some equipment can cause its natural deterioration and may inhibit your learning. Using your own equipment during practice helps reinforce your learning as you become accustomed to the specific functions of your equipment. While the items below are not required, it is **STRONGLY SUGGESTED** that they be purchased.

- Pocket face mask with HEPA filter and one-way valve
- Stethoscope
- Pocket penlight
- EMS Shears

Most of these items can be purchased or ordered through a local pharmacy or medical supply company. Prices may vary depending on the style or brand chosen.

Pandemic

In the event of a pandemic situation related to the H1N1 virus, the instructor reserves the right to alter the course schedule, requirements, and/or the method of course delivery.

Attendance

Attendance to class sessions is vital to making sure you gain all knowledge that is expected of you. Attendance is mandatory for those students seeking certification as an EMT-Basic. **More than three (3) absences will result in failure of the course despite performance, if you are seeking certification.** Special circumstances will be evaluated by the instructor on a case-by-case basis; however, all course work will still need to be completed. A missed session may be made up at the Instructor's discretion at a time and location convenient for both parties.

Students will be required to notify the instructor in advance if they will be unable to attend a class session. If an examination is given or an assignment is due, the student must make arrangements prior to the missed class. If this notice is not provided to the instructor, prior to

class, a score of 0% will be awarded. This notice must be in writing, except for emergency situations.

Attendance to class sessions is vital to making sure you gain all knowledge that is expected of you. Not only are attending classes important, but showing up on time to class is just as important. Once you graduate from this program/university your employer will expect you to be at your place of employment at a certain time, and your tardiness will have an effect on not only you but whomever you are inconveniencing by showing up late.

Therefore, tardiness and unexcused absences in this class will result in a negative impact on your grade. Each student will start with 100 points for your attendance grade. If you are never late for class, or do not have any unexcused absences you will finish with all 100 points at the end of the semester for your attendance grade. If you are tardy for class, definition of tardy is not in your seat ready to start at 1 second past the start time of class, you will receive a deduction from your attendance grade for each occurrence. Your first 3 tardies will result in a 5 point deduction for each occurrence. Each tardy after your first 3, will result in a 10 point deduction from your attendance grade. Each unexcused absence will result in a 10 point deduction from your attendance grade.

Electronic Equipment

Pagers and cell phones may not be used during class. Any contact should be made before or after class or, at the student's discretion, during legitimate "break time". If there is an emergency situation, the instructor must be made aware of it prior to the start of class. It will be at the instructor's discretion whether to grant the use of the pager or cell phone during class time.

Course Evaluation Criteria

Students will be evaluated by their performance on exams, quizzes, homework assignments, class participation, and their execution during practical evaluations.

Quizzes based on the material covered in class and in the assigned reading will be given frequently and without notice.

Maryland & National Registry testing eligibility criteria

A minimum score of 70% on all modular written and practical exams and an overall minimum score of 70% in the course is necessary for the student to be eligible to take the EMT-B certification exams.

The Maryland EMT-B written and practical evaluations will be scheduled by the course instructor. Students requiring re-testing should contact the instructor for re-testing opportunities.

The National Registry written examination may be scheduled by contacting the MIEMSS Office of Education, Licensing, and Certification at 410-706-3666. Students cannot take the National

Registry exam until they have successfully completed the Maryland EMT-B written and practical examination.

At the present, the cost for the Maryland EMT-B practical exam is \$65.00. The cost of the can be waived if you are a member of a volunteer EMS organization. The cost for the National Registry written examination is \$70.00. The cost of the National Registry practical examination is \$60.00. This fee is waived for the student who has paid the \$60.00 fee or has had it waived for the Maryland examination.

Payment of all testing fees is not included in the tuition or fees assessed by UMBC. They are the responsibility of the student.

The scores achieved by the student on the Maryland EMT-B certification examinations are not included in the grade for EHS 202.

Make Up Exams

All students expecting to take the Maryland State EMT-B exam who fail a modular written or practical exam must successfully make up these exams. Students who fail more than two modular exams are not eligible to take the Maryland State EMT-B examination. Students who fail to meet this standard will not be eligible for the state exam.

At the completion of each of the modules, a multiple choice written exam and a practical skills evaluation will be given. Consult the course schedule for the dates of these examinations. Students will be required to achieve a passing score on each written and practical examination. Students will be allowed to re-test a failed module one time in an effort to achieve a passing score. The average grade between your initial test and the make-up test will become your new modular grade on record. Students who fail to achieve a passing score on any re-test will be ineligible for the Maryland or National Registry EMT-Basic written and practical examinations per MIEMSS. Any student who fails three (3) modular exams, even if he/she passes the re-test on the first two, will also be ineligible.

A practical skills evaluation resulting in an unsatisfactory grade must be repeated following retraining. Students are required to successfully complete the practical evaluation of each module to be eligible for the Maryland and National Registry EMT-B practical examination. Practical skills evaluations are graded Pass/Fail. Retests may be conducted by the instructor at a mutually convenient time.

CPR

CPR training is included in this course. An extra fee of \$12 per student will be assessed to pay for the card and course administration. Payment for this can be either check or cash and paid on the day of the CPR class.

Grading

Students are responsible for all material covered in the assigned texts, lab sessions, and class sessions. Any assignment which is completed late without the Instructor's previous knowledge and approval will automatically result in a score of 0% being awarded. In order for a student to be eligible for the Maryland State and National Registry exam students must pass the course with a C or above.

A 100 - 90

B 89 - 80

C 79 - 70

D 69 - 60

F 59 - 0

Module Examinations: 65%

Class Participation: 15%

Quizzes: 20%

Class Participation

Class participation will account for 15% of your overall grade. This grade will be calculated on class attendance which will be assessed on late attendance as well as classes missed. Also evaluated will be your participation in class discussions and skills practice.

On-line Quizzes

The following are the instructions for taking the on-line quizzes.

1. Quizzes can be found under the Quizzes tab on the blackboard site.
2. You will have 48 hours to complete the quiz once it opens up on blackboard.
3. You will have 1 attempt at taking the quiz.
4. You will have 15 minutes to take the quiz and then the program will shut down.
5. You will not be able to return to previously answered questions so please make sure you are satisfied with your answer prior to moving on to the next question.
6. You will not be able to pause the quiz and come back to it; the quiz must be completed once you start taking it.
7. Please do not use anyone's brain but your own.
8. Textbooks and notes will be allowed during the quiz.

Module Examinations

Module Examinations will account for 65% of your overall grade. At the end of each module you will be evaluated on both your knowledge and skill level. Knowledge level will be evaluated by a 50 question written exam. Skills will be evaluated by a Pass/Fail practical evaluation.

EMT-B Orientation, Ride-a-long & Affiliation requirements

Orientation

Five (5) hours of orientation to the Maryland EMS System through tours and observations of various system components must be completed prior to the certification exams. Some of the experiences have already been scheduled as part of the regular class sessions for your convenience. Most of these experiences will require travel to an alternate class site. Travel assignments and directions will be provided prior to each of these outings.

Patient assessment & Ride-a-long

A minimum of ten (10) patient assessments must be performed while under the direct preceptorship of a designated EMS provider. Field preceptors must be trained and certified at the level of EMT-Basic or higher. In order to complete the ride-a-long requirement, it will be necessary for you to either volunteer with an EMS service, or to obtain employment with a commercial ambulance. If at the present time you are NOT a member of any organization that provides EMS, please inform the instructor **IMMEDIATELY**, as the process of gaining an affiliation is quite lengthy. [Also see below] If you are interested in going to another Department other than your own, please see the instructor to make arrangements. Documentation of the ten (10) assessments is required on the form supplied by the instructor. This form must be returned to the instructor prior to the certification examinations. Per MIEMSS guidelines, patient assessments and ride-a-longs may begin following the successful completion of the patient assessment module, June 25, 2014.

Affiliation

Students are required to join a volunteer or career EMS Organization providing an EMT-B or higher level of care in order to obtain a Maryland EMT-B certification card. Individuals who have not affiliated at the time they take the Maryland EMT-B test will receive a letter in the mail from MIEMSS indicating successful completion once they have passed the written and practical examinations. These same individuals may receive Maryland EMT-B certification upon submitting to MIEMSS a completed affiliation form. Once the course is completed, questions about certifications, affiliation, and related areas should be directed to MIEMSS at 410-706-3666. **START WORKING ON AFFILIATIONS IMMEDIATELY.**

Immunizations & Malpractice Insurance

Students will be assessed a fee for malpractice insurance, which will show up on the student's UMBC account. It is approximately \$15. This insurance will be in effect while the student is attending Department of EHS approved clinical experiences only. Malpractice insurance will generally be available for a student once they join a volunteer or career EMS Organization. Consult with the appropriate company officer within the organization for more information. Generally, Department of EHS and UMBC malpractice insurance is not in effect once a student affiliates with an EMS Organization, as that company then assumes responsibility.

For their own protection, students are encouraged to update their immunizations status. Contact the UMBC University Health Services for information on lower cost immunizations. Particular attention should be paid to the following:

Hepatitis B	PPD test
Tetanus toxoid	MMR
Varicella titer	

It is highly recommended that the student begin the Hepatitis B series prior to beginning ride-a-longs.

Students as victims

Since the nature of this course is to learn to assess and treat sick and/or injured persons in a hands-on setting, rather than in a sterile didactic environment, student must agree to function as victims for their classmates on a rotational basis. Every effort will be made to ensure the dignity of each student. Inappropriate actions or statements by students related to other students who have volunteered to function as a “victim” will not be tolerated. Proper apparel will be discussed by the Instructor. Realizing that some students are reluctant to function as a “victim” initially, each student will be expected to participate fully in the class. A student cannot learn to do patient assessments correctly except by performing them on a person, and that person will be another student enrolled in the class. Also, students will be expected to provide volunteer victims for the MIEMSS practical examination in September. **Please keep this in mind and begin to recruit now.**

Classroom behavior

The purpose of having a classroom is to allow direct, real time personal interaction between the instructor and the students. In order for this to occur, it is necessary for students to share in the educational process. This can only occur if students are attentive and focused. Such behaviors as talking, reading, working on assignments for other classes, and even sleeping, indicate to the instructor that students are not interested or willing to take responsibility for their education. Any student engaging in a behavior the instructor feels is disruptive to the learning environment will be asked to leave the class.

Academic Integrity and Professional Ethics

Academic integrity is an important value at UMBC and the Department of Emergency Health Services. By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory.

Rigorous standards allow UMBC students, faculty, and administrators, as well as scholars and employers in the larger community, to trust that the work that students submit is the fruit of their own learning and academic effort.

All members of the UMBC community are expected to make a commitment to academic honesty in their own actions and with others. Academic misconduct could result in disciplinary action that may include suspension, dismissal from the paramedic program, or dismissal from UMBC. The following activities are examples of academic misconduct that are not tolerated by UMBC. Other situations will be considered on an individual basis and reviewed as to whether the incident violates the standards set forth as an EMS professional.

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| 1. Cheating | 5. Illegal substance use |
| 2. Lying | 6. Plagiarism |
| 3. Unethical behavior | 7. Fabrication |
| 4. Stealing | 8. Facilitating academic dishonesty |

Students are expected to behave in a manner consistent with the UMBC *Policy for Academic Misconduct in Undergraduate Courses* and the *Student Conduct Code*. Both of these documents are contained in the schedule of classes and the UMBC web page. Student work submitted for credit should be original in nature. Work submitted for credit in another course will not be accepted for credit in this course.

EHS 202 – Clinical Concepts & Practice I

I, _____, have received a copy of the Summer 2015 – *EHS 202 Course Syllabus & Class Schedule*. I have reviewed the information contained within these documents, and have informed the Instructor of any questions or concerns that I may have.

Furthermore, I acknowledge that I have fully read and understand the course requirements as set forth in the attached Course Syllabus and Class Schedule.

Student Printed Name

Student Signature

Date