

Jackson College
Emergency Medical Services Department
EMT-Basic Technology
EMS 122.01 FL 2016



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Class Days/Times: Monday & Wednesday 05:15PM - 9:30PM
Classroom: HLC 211

Total Credits: 12 credit hours
Total class meeting hours: 191 hours
Total clinical hours: 48

This course is approved by the MDCH Program Approval Number: P-10-0015

Course Description

The Basic Emergency Medical Technician course is a Michigan Department of Community Health approved course. This program provides the information and experience necessary to prepare the student to sit for the National Registry Basic EMT Certification exam. Topics include: legal responsibilities, anatomy, physiology, patient assessment, management of various emergency situations, extrication, and current standards for EMTs in the field. Students will also participate in scenario-based education and computer-based testing and scenarios to reinforce skills learned within these areas. Students must complete a minimum of four twelve-hour experiences in the hospital emergency room setting and with a prehospital life support agency. Laboratory and clinical experiences are included.

Course Goals

The EMT-Basic represents the first level of skills required to work in the emergency medical system. Formal classroom experiences are enhanced with combined time in an emergency room and on an ambulance. Coursework typically emphasizes emergency skills such as managing respiratory, trauma, and cardiac emergencies. The program also provides instruction and practice in dealing with bleeding, fractures, airway obstruction, cardiac arrest, and emergency childbirth. Students learn to use and maintain common emergency equipment such as backboards, suction devices, splints, oxygen delivery systems, and stretchers. The course is a prerequisite for further training as an EMT-Paramedic. See course handbook and resources for additional details.

Course Prerequisite

- ENG 085 and MAT 020 or Instructor Permission
- Concurrent enrolment in EMS 1220 and 1221

Course Objectives

At the completion of this program you should be able to:

1. Describe the roles of EMS in the healthcare system.
2. Demonstrate the professional attributes expected of EMTs.
3. Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others.
4. Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within the national scope of practice.

5. Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.
6. Identify the need for and perform immediately life-saving interventions to manage a patient's airway, breathing, and circulation.
7. Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic injuries.
8. Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

Jackson College Education Goals

The course goals and objectives incorporate specific Associate Degree Outcomes (ADOs) established by the JC Board of Trustees, administration, and faculty. These goals are in concert with four-year colleges, universities, and reflect input from the professional communities we serve. ADOs guarantee students achieve goals necessary for graduation credit, transferability, and professional skills needed in many certification programs.

Course ADOs

This course utilizes Ado 7: Critical Thinking-Developing. As an Emergency Medical Technician candidate the need for critical thinking is great. One must be able to recognize problems and create a detailed action plan utilizing the skill of critical thinking. This course measures the skill of critical thinking through assessment based management and ability to create a dynamic ongoing treatment plan.

Required Texts

- *Prehospital Emergency Care 10th Edition, Joseph J. Mistovich & Keith J Karren, Copyright 2014 - ISBN-10: 0133369137*
- *Prehospital Emergency Care 10th Edition Workbook, Joseph J. Mistovich & Keith J Karren, Copyright 2014 - ISBN-10: 0133369137*
- *American Heart Association: BLS for Healthcare Providers Student, Item #: 90-1038*

Suggested Texts

- EMS Field Guide, EMT-Basic
- Medical Dictionary
- Nursing Drug Guide

Equipment and Uniforms

- EMT-Basic T-shirt & Polo available through JC bookstore
- Navy blue EMS slacks
- Black polishable shoes
- Black belt
- Watch
- Navy jacket (no logo) for clinical/internship and classroom use (no other jackets will be allowed)
- JC Student ID badge is required to be worn clipped on the shirt or worn on a lanyard during class (lanyards not allowed on clinical/internship)
- USB Flash Drive – storage amount at your discretion

Lecture Tardiness

Any student missing more than 5 minutes, but less than ¼ of the class period will be considered tardy. First tardy will result in a verbal warning. Second tardy will result in a written warning. The third infraction, a full absence will be incurred. Chronic tardy or absence could prevent the student from a completion certificate and

grounds for removal from the program. Any missing time will be recorded and counted towards the student's attendance.

Attendance

There are NO excused absences in this program. Due to the practically oriented nature of this program, as well as the repetition necessary to develop high quality patient care skills, minimum hour requirements are set forth by the MDCH program objectives. **Any student missing more than 3 class periods total, in EMS 122 and 1220, will be dismissed from the course and will not be eligible for to the MDCH roster. Failure to maintain acceptable competency will result in the loss of clinical privileges. Acceptable competency is defined as an overall course average of 80%.**

Classroom Etiquette

For your benefit and for the benefit of your classmates follow appropriate classroom behavior:

- At all times in class the student must be considerate to your classmates and to your instructor.
- Ask pertinent questions; contribute to discussions; avoid "private" conversations that distract the instructor and other students. **You may be asked to leave if you are disturbing the class.** Do not answer questions that are not directed to you. Allow the instructor to clarify the material.
- **No cell phone use is allowed during class (including texting). You will receive one warning , then a written warning for cell phone use during class. If the behavior continues a critical warning will be issued,after that I will recommend your removal from the program. All ringers must be on silent.**
- **No tobacco usage, in any form, will be allowed in the classroom. (JC is a tobacco free campus)**
- No sleeping. Come to class fresh and ready to learn.
- **No laptop use permitted unless it is directly related to the classroom lecture or course work. This would require prior permission by the instructor.**
- **Concerns must be addressed outside of the classroom with the instructor by appointment, not voiced in the classroom. Addressing concerns in the classroom will result in a written warning, subsequent disruptions may result in being asked to leave the classroom or removal from the program.** In the event the concerns cannot be solved with the instructor, a formal complaint must be brought to the attention of the course coordinator and director. See the specific complaint process in your EMS handbook or go to the link below
<http://www.jccmi.edu/administration/deans/StudentComplaintProcess.htm>
- The instructors welcome student's questions and concerns. Please be considerate of their time outside of the classroom.
- Food in the classroom is a privilege and will not be distracting or messy. Any mess left in the classroom or distracting behavior will result in the loss of the entire class's food privilege.

Classroom Lecture Grading Procedure

Written exams are cumulative over the course and will be graded and scored on the percentage of correct answers. They may consist of multiple-choice, true/false and short answer questions. **There will be no late exams permitted.** Tests will be administered in a secure environment and may be presented in the JC testing center. It is the student's responsibility to make accommodations to complete the test in the allotted time frame presented by the instructor. **Quizzes** may be online or in class and also may be administered with a time restriction.

Jackson College program requirements for recommendation for the MDCH completion roster

- Upon successful completion of the above course the student will be issued a certificate of course completion.
- **Students must obtain an 80% or better as an overall class grade.**
- **Obtain at least an 80% on the **final exam** at the end of the course.**
- **Students must successfully complete all practical exams for the course.**

- Students must successfully complete the all clinical rotation hours
- Students must meet the minimum required hours for both classroom and clinical as set forth by the JC Program.

Weights

Grade Item	Percentage Possible
In class quiz	05%
Chapter Questions	15%
Portfolio	10%
Adaptive Testing	10%
Tests/Exams	30%
Final Written Test	30%

All workbook, chapter summaries and the portfolio will be marked at a 50% if turned in late.

Grading Scale

93-100	4.0
89-92	3.5
85-88	3.0
80-84	2.5
75-79	2.0
70-74	1.5
65-69	1.0
60-64	0.5
00-59	0.0

Affective Domain Evaluations

Periodically through the clinical rotations and during class the students will be subject to evaluation via the affective domain. This includes attitude, empathy and overall professionalism. Any student receiving an overall negative affective domain evaluation will be given a written warning and the instructor will schedule a meeting to review the form with the course coordinator and student. Steps for corrective action will be documented. This will result in possible disciplinary action up to and/or including dismissal from the rotation or program. During the scheduled time for review, the student will be removed from clinical rotations.

Method of Instruction

Any combination or all of the following: Lecture, handouts, class assignments, computer screen-projections, demonstrations, hands-on lab projects, recitation, frequent quizzing, group work, DVD/video tapes, case studies, field trips, simulation, computer- distance learning through Jet Net, and other projects.

Classroom Command System

Each EMS course at Jackson College utilizes a strict internal structure to ensure a smooth day to day operation. Each EMS student plays an important role within this internal structure. Over the course of a semester each student will have the opportunity to operate as a leader within the classroom. Roles include

Squad Member, Squad Leader, and Classroom Commander. Each position allows for students to aid in the learning of their fellow classmates. Each leadership role has a clear outline of the job description and requirement to hold a leadership positions (see job descriptions). Students may be removed from their leadership position due to any violation in the code of conduct (see EMS Handbook). In order for students to be successful EMS providers we must practice as we will perform in the field.

Platinum Testing

The students will be issued authority to use the EMSCAT. Students may not in any way cut and paste, copy, or reproduce the test questions. This is a copyright infringement. Students found reproducing this test material will be immediately dismissed from the program and their information will be turned over to legal affairs and to the Platinum Education Group.

See academic honesty policy: http://www.jccmi.edu/administration/deans/Student_Resources.htm

Test materials may be generated from any validated source or may be written by the JC EMS program and validated against the National Curriculum. Platinum quizzes and tests are monitored by the instructors. You are only allowed to access the quizzes/tests that you have been cleared to take.

Prior to taking each exam, you must attempt the adaptive testing 3 times in the modules we are testing over.

Important Note: In order to be eligible to attempt your final exam you must complete the online EMT-Basic Comprehensive exam from Platinum Education. This exam is not to be attempted until advised by the lead instructor. If one or two modules are below a score of "Good" the student will be allowed to redo just those modules. If three or more are below a score of "Good" then the whole exam will need to be taken.

Practical Quizzes

Practical quizzes will be based on the National Registry EMT skill sheets. Each student is provided with a link to these skill sheets on Jetnet. All practical skills will be introduced and practiced prior to testing. The skills sheets will also be utilized for the Final Practical Skills test. You will not be allowed to makeup a missed quiz and there will be no quiz retakes.

Extra Credit

The only Extra Credit in this course is completion of the following online courses: IS-100.b, IS-200.b, IS-700.a, and IS-800.b. They are worth 5 points each. <http://training.fema.gov/IS/NIMS.asp>

Students with Disabilities

If there is a student in this class with a special need because of learning, physical, or other disability, contact the instructor(s) and Student Services immediately.

"Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the office of Learning Support Services at 787-0800, extension 8270/8553 as soon as possible to ensure that such accommodations are implemented in a timely fashion."

National Registry ADA Policy Link: www.nremt.org/nremt/about/policy_accommodations.asp

JC Disclosure Policy: JC adheres to FERPA <http://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html>

Changes in Syllabus

Schedule and course outline may change due to weather, illness or extreme circumstance. Students will be notified in writing if course outline will change.

This syllabus may be adjusted at any time if the instructor(s) or Course Coordinator deems it necessary.



EMS 122 SYLLABUS

ACKNOWLEDGEMENT AND AGREEMENT

I _____ (*print name*)

have read the syllabus and understand the requirements and expectations for this class. I also acknowledge that this class holds a high level of personal responsibility and accountability. I also realize this is a program that will require commitment and that specific standards must be met as outlined in this syllabus.

I may refer I to links for the NREMT, MDCH State Objectives, and the NHTS curriculum to complement the resources in my course textbooks.

I will be expected to access a computer to complete assignments and must utilize my JC student email account regularly for updates and additional information.

The instructor(s) may utilize various approved and validated testing banks and may also write their own test questions that will be verified to the MDCH and NHTS objectives and curriculum.

It is my responsibility to seek assistance in the Center for Student Success and to notify the instructor(s) if help is needed or extreme circumstances have created hardship for me.

Date: _____

Signature: _____

I do not want to sign this agreement, however by initialing and dating below, I confirm receipt of the syllabus.

Date: _____

Student Initial: _____



Student Acknowledgement of Receipt of the EMS Student Handbook Form

I hereby acknowledge that I have received, read and understand the Jackson College EMS Student Handbook. I further agree to follow all policies and procedures within the handbook.

I understand while attending the clinical site of the EMS program I am expected to follow all reasonable rules and regulations of policies and procedures of the assigned clinical site.

I understand that failure to abide by these rules and regulations may result in dismissal from the EMS program.

I further understand that my signature below would allow personnel from the accrediting body, CoAEMSP, to review my student file during a formal audit of the EMS program.

Date: _____

Name: _____

Signature: _____

This acknowledgement form needs to be completed and submitted to the Allied Health Office (JW 231) within ten days after receipt of the EMS Student Handbook.