Moberly Area Community College
Common Syllabus

EMT100 Emergency Medical Technician – Basic
Current Term

Instructor:
Office hours:
Contact information:
Classroom numbers:
Class days and time:

Catalog Description: EMT100 Basic Emergency Medical Technician (7-0-7)
This course emphasizes emergency medical services in a job-related context. Recognition of the
nature and categorizing the seriousness of patients’ illnesses/injuries, administration of appropriate
care, and the movement or handling of patients are included. State certification examinations are
taken after completion of the course.

Prerequisite:
High School Diploma or Equivalency.
CPR/AED for the Professional Rescuer certification or equivalent

Texts:
OASS, Basic EMT Pre-Hospital Comprehensive Care, 11th Edition, Mosby
ISBN: 0-8151-5961-7

Other Required Materials: Stethoscope

Purpose of Course:
This course meets and exceeds the Department of Transportation, Missouri State Unit of Emergency
Medical Services and National Registry of Emergency Medical Technicians requirements for EMT
training. The course will prepare the students to take the Missouri State EMT Practical Exams and the
National Registry “CAT” Written exam. This course also will familiarize the students with the basic
life support skills necessary to work as an EMT in the ambulance field.

Course Objectives:
Upon completion of the course, the student will be able to:
1. Assess a conscious or unconscious patient to discover any life-threatening injuries or illnesses.
2. Identify major anatomical structures.
3. Perform adult and infant CPR and assist a choking victim and use an Automatic External
   Defibrillator.
4. Insert, maintain and remove a Nasal Trumpet and oropharyngeal, listing indications and
5. Control bleeding with various methods and control shock.
6. Demonstrate the uses of various splints for extremity and spinal fractures.
8. Identify and initiate treatment of Medical Emergencies, including heart attack, a stroke, seizure, diabetic emergencies, etc.
9. Demonstrate the uses of a blood glucose monitoring device.
10. Assist in the delivery of a child and list care and treatment of possible maternal complications.
11. Care for a neonate in stable condition, respiratory distress and cardiovascular arrest.
12. Assess pediatric patients and list illnesses commonly causing pediatric emergencies.
13. Describe treatment of burns, including evaluation of burn area and severity.
14. Treat hypothermia and hyperthermic conditions and list special management techniques for the drowning victim.
15. Demonstrate techniques of lifting and moving patients in emergency and controlled situations.
16. Record patient information accurately and convey medical information in an orderly and logical radio report.
17. Display an ability to command an EMS Team in a multi casualty situation and serve as a triage officer.

Course Content:
1. Introduction, Roles and Responsibilities, Medico-legal
2. Anatomy and Physiology, Assessment
3. Airway Adjuncts
4. Circulatory System, Shock Bleeding Control and PCPD
5. Musculoskeletal System, Care of Extremity Fractures
6. Care of Spinal and Head Injuries
7. Chest and Abdominal Injuries
8. Medical Emergencies (Diabetes, CVA, MI, Seizures, etc.)
9. Obstetrical and Pediatric Emergencies
10. Environmental Emergencies (Burns, Hypothermia, Hyperthermia, etc.)
11. Lifting and moving, Vehicle Extrication
12. Vehicle Operations, Communications, Records and Reports

Connection with Health Sciences Division (HSD) Outcome Statement:
In compliance with MACC’s HSD outcomes, the student who successfully completes this course will be able to:
• Students will demonstrate effective written and oral communication skills.
• Students will demonstrate an understanding of discipline-related math and scientific principles.
• Students will think critically while systematically assessing problems, identifying issues and implementing solutions.
• Students will apply principles of professionalism and safety standards when entering the workforce.
• Students will demonstrate skill mastery and will pursue lifelong learning in their field while adapting to changing industry standards and following evidence-based practices.

Students who successfully complete the EMT-B Course are eligible to apply and take the Missouri State EMT Practical Exams and the National Registry “CAT” Written exam. The State of Missouri through The Comprehensive Emergency Medical Services Act, Chapter 190, RSMo Supp. 1998
Regulation 19 CSR30-40.342 and CSR 30-40.365 provides additional criteria for eligibility to apply for a license as an emergency medical technician - basic.

**ASSESSMENT OF STUDENT LEARNING**

**Grading:**
- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 59% and below

A letter grade of “D” will not be accepted as sufficient for acceptance to take the National Registry Practical or Licensure examinations.

**Assessment/Examination Policies:**
Students’ outcomes of the above objectives that will constitute 100% of the student’s final grade may be measured through, but not limited to, seven module written tests and classroom quizzes. A score of 70% or better on each test is required to take the Missouri State Practical Exams and the National Registry Licensure examination. A student scoring below 70% may be able to remediate tests as necessary. Remediation will consist of a review session that identifies the student’s weaknesses and a rededication test.

**Description of major assignments:**
The student is required to attend ambulance ride-alongs during the course but not during actual classroom time. These ride-alongs will be conducted at the Randolph County Ambulance District. During the ride-along the student will be expected to participate in direct patient care activities. Each student is required to document at least 8-10 patient contacts. These contacts will be documented on the Clinical Report Form, which is provided by your instructor. A paramedic preceptor will review your activities during the ride-alongs, and document his/her comments on that form. Students will have a preceptor initial all patient contacts.

Currently, Emergency Department observation time is not mandated. However, if you would like to spend time in this setting it may be able to be arranged. The student should contact the Instructor if interested.

**INSTRUCTOR POLICIES**

**Attendance Requirements:**
The Missouri State Unit of EMS requires 100% attendance in this class unless absences are of an emergency nature. Classwork may be made up on an individual basis with the instructor and maintain a 70% or better average on the seven unit tests and by the Missouri State Unit of EMS during the course. Students should refer to the MACC Student Handbook for other Attendance policies that may apply to this course.

**Inclement Weather Advisory:**
If it becomes necessary to cancel classes on the Moberly campus due to the weather, the announcement will normally be given to the following radio and TV stations by 6:00 a.m. for day classes or by 3:00 p.m. for evening classes. Students should listen to one of the following stations to hear if classes on the Moberly campus will be canceled due to inclement weather. If the campus is closed, students registered will receive a “Hound Alert” regarding the closing. Students may also call the College switchboard at 660-263-4110 and push 7 for cancellations.

**RADIO:** KWIX-Moberly AM 1230  KFRU-Columbia AM 1400  KRES-Moberly FM 104.7  
KTUF-Kirkville FM 93.7  KWWR-Mexico FM 95.7  KRXL-Kirkville FM 94.5  
KZZT-Moberly FM 105.5  KIRX-Kirkville AM 1450  KCLR-Columbia FM 99.3  
KLTE-Kirkville FM 107.9  LZBK-Brookfield AM 1470  FM 96.9

**TELEVISION:**  KOMU-Columbia (NBC) KMIZ-Columbia (ABC)

**Dress Code:**
All students are expected to dress in an appropriate and professional manner during class, clinical experience and State testing. During class room and lab work student will be in close proximity to each other and should be attentive of their personal appearance and hygiene. Appropriate attire for class room work and State testing is comfortable, but non-revealing clothing. Required clothing for their clinical ride-along experience is a white or light blue blouse, black or navy pants, and footwear capable of protecting the wearer from sharp or foreign articles associated with vehicular wreckage. *Students must also have a name tag which clearly identifies their status as a student. (The Ambulance District may provide or require “student” shirts to be worn during all clinical ride-alongs.)*

**Instruction:**
This course will center on theoretical and practical guidelines for patient assessment, history taking, patient management and transportation. The lecture method will be used with some discussion and practical skills work. Audio-visuals, slides, movies, film strips and charts will be used extensively.

**General notes:**
Skills in the class are evaluated on the basis of benefit to the patient. Any error in the performance of a skill that has the potential to injure a patient or increase the severity of a pre-existing injury or illness is unacceptable.

Guest lecturers, including local physicians, will be invited to address the class on their areas of interest or specialty.

*Students are expected to observe strict “patient confidentiality” concerning illustrations, examples of care or of anything they might hear or see during class or the clinical experience.*

This program is fully accredited by the Missouri Department of Health and Senior Services, Bureau of Emergency Medical Services.
Receiving a passing grade in the EMT class in no way implies or guarantees that the student will pass the State Practical testing or National Registry Tests nor gain employment as an EMT.

**Tardiness:**
per instructor’s policy

**Make-up and late work:**
per instructor’s policy

**Extra-credit work:**
per instructor’s policy

**Schedule of Student Assignments/Activities:**
(Instructors will identify a Student Assignment/Activities schedule. Instructors have the prerogative to construct the schedule by class periods, weeks, or an overview of topics to be covered.)

**COLLEGE POLICIES**

**Attendance:**
Any student who misses two consecutive weeks of class during a regular sixteen-week semester or the equivalent proportion of class time during a shorter session will be dropped from the class by the instructor unless acceptable justification is supplied. Additionally, any student who misses more than one-fourth of the entire number of in-seat class meetings in a regular 16-week semester or the equivalent proportion of class time during a shorter session, may be dropped from that class by the instructor if, in the opinion of the instructor, the student does not have reasonable opportunity to succeed in the class. A student’s attendance rate will be calculated based upon the first day of the semester (not the student’s date of enrollment in the course).

Student attendance must be defined in a different manner for online, hybrid, and virtual courses. Student attendance in these courses is defined as active participation in the course. Online, hybrid, and virtual courses will, at a minimum, have weekly mechanisms for student participation, such as any or all of the following methods:

- a. Completion of quizzes or exams
- b. Submission of assignments
- c. Participation in threaded discussions
- d. Communication with the instructor

A student who does not participate in an online, hybrid, or virtual course for two consecutive weeks will be dropped by the instructor unless acceptable justification is supplied. **As with ground courses, a student’s attendance rate in online courses will also be calculated based upon the first day of the semester. If a student does not demonstrate active participation in the online course within the first two weeks (or the equivalent proportion of class time**
during a short session), the student will be dropped as “never attended.” Simply logging into an online class does not constitute active participation.

Students should be aware that their dropping a course and their last date of attendance in the course may impact their financial aid.

**Academic Dishonesty:**
MACC board policy is as follows: “Academic dishonesty by students’ damages institutional credibility and unfairly jeopardizes honest students; therefore, it will not be tolerated in any form.” Forms of academic dishonesty include but are not limited to the following: violations of copyright law, plagiarism, fabrication, cheating, collusion, and other academic misconduct. Incidents of dishonesty regarding assignments, examinations, classroom/laboratory activities, and/or the submission of misleading or false information to the College will be treated seriously. The procedure for handling academic dishonesty is outlined in the Student Handbook (Policy Handbook M.010). In cases of alleged academic dishonesty, the burden of proof is on the student, not on the instructor.

**Student Email:**
MACC Mail is the official student email system at MACC. Official college communication is sent via this email system. Students are responsible for checking their MACC Mail account regularly. Students may also receive notifications and reminders from MACC through the online learning platform. However, students should remain aware that the online learning platform messaging system and MACC Mail (student email) system are two separate systems.

**ADA Statement:**
Students who have disabilities that qualify under the Americans with Disabilities Act may register for assistance through the Office of Access and ADA Services. Students are invited to contact the Access Office to confidentially discuss disability information, academic accommodations, appropriate documentation and procedures. For more information, please call either the Moberly office at (660) 263-4100 Ext. 11240 or the Columbia office at (573) 234-1067 Ext. 12120, or visit our web page at [http://www.macc.edu/index.php/services/access-office](http://www.macc.edu/index.php/services/access-office).

**Title IX Statement:**
MACC maintains a strict policy prohibiting sexual misconduct in any form, including sexual harassment, sexual discrimination, and sexual violence. All MACC employees, including faculty members, are considered mandated reporters of sexual misconduct and as such are expected to contact the Title IX Coordinator when they become aware, in conversation or in writing, of an incident of sexual misconduct. For more information on this policy or to learn about support resources, please see [http://www.macc.edu/sexual-misconduct-policy](http://www.macc.edu/sexual-misconduct-policy) or contact Cheryl Lybarger, MACC’s Title IX Coordinator, at 660-263-4110, Ext. 11369 or cheryll@macc.edu.