

**Jackson College
Emergency Medical Services Department
Paramedic Technology: Paramedic Skills Lab II
EMS 171, Winter 2016**



Primary Instructor Coordinator: Paul Lacinski EMT-P IC
Email: firemed133@yahoo.com
Phone: 904-484-4361

Co-Instructor: Robert Vanderkarr EMT-P

Class Days/Times: Tuesday 8:00am-12:15pm (Lab)

Classroom: HLC 211

Total Credits: 2 credit hours

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

Course Description

This course is designed to provide the paramedic student with the skills as prescribed by the Michigan Department of Community Health (MDCH) for the paramedic curriculum. This course includes skill practice and scenarios (both computer and classroom).

Course Goals

The EMT-Paramedic represents the highest level of skills in the emergency medical system. Formal classroom experiences are enhanced with combined time in an emergency room, on an ambulance, as well as other specialty training opportunities including airway management in the operating room. Coursework typically emphasizes emergency skills such as managing respiratory, trauma, and cardiac emergencies. The program reviews all material covered in EMT-Basic and includes more advanced training in acid-base balance, intravenous access and maintenance, pharmacology, cardiology and advanced airway management.

Course Prerequisite

- Department approval
- Concurrent enrollment in EMS 170, 172, 173, 174, and 176
- BIO 155 or BIO 253 & BIO 254 (must be completed before end of program)

Course Objectives

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

1. To provide students with the psychomotor and cognitive skills necessary to become competent entry-level paramedics.
2. To develop and foster behaviors attributes, and attitudes of a professional in the field of emergency care.
3. Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.

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 9: Working in Small Groups-Proficient. As a Paramedic candidate the utilization of team work is an everyday necessity. One must be able to recognize that most EMS agencies utilize small groups to handle the daily activities of a paramedic. This course measures the ability to work in small groups through an affective behavior domain evaluation as noted below.

Required Texts

- *JC EMS Paramedic Skills Manual*
- *Paramedic Care Principles & Practice 4th Edition (Volume 1-7)*
- *Advanced Cardiac Life Support Provider Manual (2010 Guidelines)*
- *Basic Arrhythmias, 7th Edition: Gail Walraven*
- *Prehospital Emergency Pharmacology (PEP), 7th Edition*

Suggested Texts

- EMS Field Guide, Advanced or Critical Care version
- Medical Dictionary
- Nursing Drug Guide

Equipment and Uniforms

- Paramedic shirt available through JC bookstore (Maroon in color)
- Navy blue EMS slacks
- Black polishable shoes
- Black belt
- Watch (with second hand)
- 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)
- Protective eye wear
- Stethoscope (optional)
- Blood Pressure Cuff (optional)

Tardiness

Any student missing more than 5 minutes, but less than $\frac{1}{4}$ of the class period will be considered tardy. First tardy will result in a verbal warning. Second tardy will result in a written warning. At 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, minimal hour requirements are set forth by the MDCH program objectives. Any student missing more than 6 HOURS total, in EMS 171, will be dismissed from the Paramedic Program and will not be eligible for the MDCH course completion roster.

Jackson College program requirements for recommendation for the MDCH completion roster

- Students must obtain an 80% or better as an overall class grade in each EMS course.
- Obtain at least a 75% on the final exam at the end of each course.
- Students must successfully complete all practical exams for the course.

- Students must successfully complete all required clinical hours, including hospital specialties and ambulance internship compliant with current contracts.
- Students must show professional growth within the affective learning domain.
- Students must meet the minimum required hours for both classroom and clinical as set forth by the JC Program.

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.

Lab Skills Exam Grading

Students are required to pass all skill lab assessments with 100% accuracy. Lab skill exams (midterm and final) are based on the first attempt at a skill testing station. Students will be allowed a second attempt at the skill station if they fail the first attempt. If the student fails the second attempt at the skill station the student will fail the lab skills exam and therefore, the lab course unless deemed otherwise by the program director. This policy applies to all lab practical exams. Lab courses are graded with a final grade of "P" for Pass or "F" for Fail based on performance in the coursework. No letter grade is normally assigned for skills courses due to the nature of the class.

Class Participation

The successful paramedic candidate will actively participate in all aspects of the skills lab class; students that do not participate in class activities will be asked to leave the lab environment, at the instructor's discretion, and must meet with the Primary Instructor before being allowed to return to class.

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.

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.

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>

Last Update: August 30, 2016

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.

Paramedic Lab II: Tentative Schedule

Week	Date	Topic
1	9/6/2016	Trauma Assessment, MOE, Rapid Assessment Blood draws, tests Scenarios - Infectious Diseases
2	9/13/2016	12 Lead EKG Administration and interpretation Scenarios - Stroke, Neurological
3	9/20/2016	Trauma Assessment Scenarios - Toxicology
4	9/27/2016	Trauma Assessment Practice - Extrication Trauma Assessment Practice - Special situations Scenarios - Medical
5	10/4/2016	Megacode Practice Scenarios - Anaphylaxis
6	10/11/2016	Hemiblock and Ventricular disturbances (12 lead) Rapid Rhythm Identification Drill Scenarios - Acute Abdomen
7	10/18/2016	Skills Review/Practice Skills Review/Practice Scenarios - Thoracic Trauma Scenarios - Diabetes
8	10/25/2016	Midterm Practical
9	11/1/2016	Decontamination - HAZMAT/ Biological Weapons
10	11/8/2016	Decontamination - Drill - Mass Casualty Scenarios - Triage
11	11/15/2016	Critical & Chronic Care Transports - equipment and protocols Megacode Practice Scenarios - OB/Gyn
12	11/22/2016	Geriatric Special Considerations, Practi Scenarios - Abuse & Assault Scenarios - Crime Scenes
13	11/29/2016	Drug Calculation Drill Urinary Catheters and procedures Scenarios - Burns & Calculations Scenarios - Environmental Emergencies
14	12/6/2016	Review of Skills requested by class Scenarios - Behavioral Crisis
15	12/13/2016	Final Practical Exam



EMS 171 SYLLABUS

AKNOWLEDGEMENT 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 compliment 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: _____