

MOHAWK VALLEY COMMUNITY COLLEGE
Center for Life and Health Sciences
Allied Health

EM202
Emergency Medical Services/Paramedic 2
Spring 2012

Instructors

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Course Number	EM202
Course Title	Emergency Medical Services/Paramedic 2
Credit Hours	C-6, P-12, Cr-12
Prerequisite	EM200 Emergency Medical Services/Paramedic 1 EM201 Emergency Medical Services/Paramedic Clinical & Field Internship 1
Co-requisite	EM203 Emergency Medical Services/Paramedic Clinical & Field Internship 2
Placement	Spring Semester

Course Description

This course is a continuation of EM200. Paramedic students participate in classroom lecture, skills lab(s), and clinical training and education that prepares them to provide medically competent and correct advanced life support treatment of the critically ill and injured, using sound medical judgment. It includes Advanced Cardiac Life Support (ACLS), Pre-hospital Trauma Life Support (PALS), and Pediatric Advanced Life Support (PHTLS) certification examinations. Upon successful completion of these certification examinations, students are awarded certificates from the appropriate agencies.

Student Learning Outcomes

Upon successful completion of this course, the student will be able to:

- communicate effectively with patients.
- integrate pathophysiological principles and assessment findings to formulate field impressions.
- implement the treatment plan for the patient.
- demonstrate safe, empathetic competence in caring for patients with behavioral emergencies.
- safely manage the scene of an emergency.
- demonstrate an understanding of standards and guidelines that help ensure safe and effective ground and air medical transport.
- integrate the principles of general incident management and multiple casualty incident (MCI) management techniques.
- integrate the principles of rescue awareness and operations.
- evaluate hazardous materials emergencies.
- demonstrate an understanding of the human hazard of crime and violence and the safe operation at crime scenes and other emergencies.

Disclaimer Statement

The content of this syllabus is subject to change at the discretion of the course instructors.

Policy on Academic Integrity from the College Handbook

The College is committed to a spirit of intellectual inquiry rooted in the ethical behavior of its participants. This means that certain acts, which affect the integrity of learning, are not permissible. Engaging in dishonest or unethical behavior may result in disciplinary action taken against the student by the instructor, department head, or other appropriate College official.

The following are examples, but not the full range of prohibited behavior in the classroom, studio, laboratory, library, computer labs, internship sites or other college learning sites. Students are not permitted to:

- Ask for, give or receive help during tests, examinations, or quizzes or other evaluations without permission of the instructor;
- Utilize books, papers, computer-based media or other materials and equipment during tests, examinations, quizzes or other evaluations without permission of the instructor.
- Engage in plagiarism by submitting or using as their own another person's research, oral, written or computer-based or creative work. All sources of material must be credited.
- Use another person's data, solutions, ideas, computer account or calculations without the appropriate authorized permission from the instructor;
- Inappropriately use computers, the Internet; Steal, mutilate, alter or deface library materials, computer-based media or other academic materials;
- Illegally copy materials (print, audio-visual or computer-based media) that are protected under provisions of the copyright laws of the United States or foreign countries.

NOTE: MVCC complies with Federal regulations with regard to nondiscrimination and equal opportunities for the person with disabilities. Portions of this policy will be waived to meet those regulations as stated in Section 504 of the Rehabilitation Act of 1973.

- Students are expected to contact the instructor with any information pertinent to success in this class. Please read the Disabilities Statement located in under Institution Services in the College catalog and on the MVCC Blackboard Welcome Page. I would appreciate hearing from anyone in the class who has any type of disability (e.g., physical, learning, psychiatric, vision, hearing, etc.), which may require some special accommodation. Please see me during my office hours so that we can discuss your needs. Before services or arrangements can begin, you must also contact Lynn Igoe, Coordinator of Disability Services, 792-5413 (Voice or TTY), or Tamara Mariotti, the Learning and Assistive Technology Specialist, at 731-5702; both are located in Room 153 of the Academic Building on the Utica Campus. **(For classes on the Rome Campus, the contact person is Michael Badolato, PC A30, 334-7718).** They are the staff members who review your documentation, determine eligibility for accommodations, and help determine what those accommodations will be.

Sustainability Statement

Mohawk Valley Community College is committed to development and implementation of a comprehensive sustainability plan. To that end, we are beginning by asking students, faculty, and staff to actively participate in energy conservation measures and proper recycling on campus. The blue bins located in classrooms, and offices are for paper and paper products only. All plastic, metal and glass containers should be placed in the proper recycling bins located in the hallways. Please remember to empty them before depositing them. Any materials that cannot be recycled should be placed in garbage cans. It is also important to turn off lights and computers when leaving a room. Together we can make an impact on conserving our resources. Remember to reduce, reuse and recycle!

Methods of Learning

Lecture/discussion

Demonstration

Individual instruction

Individual conferences

Instructor's supplemental materials

Internet and computer aided instruction

Scenarios

Requirements

- Students will receive a course syllabus indicating content and student learning outcomes of the course.
- As mandated by the New York State Department of Health, attendance is required for all sessions of the Paramedic Program.
- If a student has a legitimate conflict with a scheduled class session, the student shall contact the Instructors prior to the start of the class to make arrangements to make up the missed class.
- In the event of an emergency absence, the student shall contact the Instructors within 24 hours from the start of the missed class by phone and e-mail. Arrangement must be made to make up the missed class within the 15 week semester.
- Missing a class without contacting the Instructors will constitute an unexcused absence and shall be grounds for dismissal from the course.
- All class sessions will begin promptly at the time specified on the class schedule and tardiness will not be tolerated. Tardiness is defined as arrival within the first 30 minutes after a scheduled class session has started. Arrival after this 30 minute period will be regarded as an absence.
- Students who are tardy more than three times may be dismissed from the course at the discretion of the Instructors.
- The student will be responsible for all lecture notes, assignments, and class discussions.
- Students are expected to complete all assignments within the time frame assigned.
- Students must participate in all examinations during the scheduled exam time. Once an exam has started no students may enter or exit the exam. No late admissions are allowed. If you arrive after the exam has started you will not be allowed to enter the exam and will receive a zero for the exam. You may not discuss any exam (in person or electronically) with another classmate or anyone else before, during, or after you take the exam. Exams will be reviewed at a time designated by the instructor. Failing to abide by these guidelines may result in failure of the exam or course.
- College and course communication is sent through the MVCC student email account. All students have a student e-mail account through the College and should check it frequently.
- Students are expected to uphold the College's policy on Academic Integrity. Students are responsible for reading and understanding the College's policy on Academic Integrity as stated in the College Handbook as it is strictly followed in this course. Students are responsible to contact the instructor if you have any questions on the policy at the onset of the semester. Any student found in violation of this policy will face disciplinary action. The College and instructor will not tolerate dishonest behavior at any time; disciplinary action for dishonesty can include but is not limited to being expelled from the College and/or failing the

course. The sharing of materials, answers, or other students work is considered dishonest and the student found to be demonstrating this behavior will receive at minimum a grade of zero for the assignment and/or exam as well as the possibility of receiving an "F" for the course.

Required Materials

Sanders, Mick J., *Mosby's Paramedic Textbook*, Revised Third Edition, Elsevier 2007.

Sanders, Mick J., *Mosby's Paramedic Textbook*, Revised Third Edition, Workbook, Elsevier 2007.

New York State Department of Health (NYS DOH) EMS/Paramedic Student Manual

New York State BLS Protocols

American Heart Association ACLS Textbook

American Heart Association PALS Textbook

PHLS Text

Methods of Evaluation

Examinations 40%

Certification Examinations 50%

Attendance/Participation 10%

The EMS/Paramedics student must achieve a minimum letter grade of C to meet program requirements as noted in the College catalog.

Grading Scale

90-100 A

80-89 B

70-79 C

60-69 D

Course Schedule

MODULE	TIME FRAME	ASSIGNMENT
MODULE 4 Pulmonology; Cardiac A&P	Week 1	Chapter 16
CP; EKG; Cardiac Diseases; 12 Lead EKG	Week 2	Chapter 16
ACLS	Week 3	Module 4 Exam
MODULE 5 Endocrinology; Gastroenterology	Week 4	Chapter 17
Toxicology; Hematology, Allergies & Anaphylaxis	Week 5	Chapter 18
Renal, Urology; Neurology	Week 6	Chapter 19
Infectious & Communicable Diseases	Week 7	Chapter 20
Environmental Conditions; Behavioral & Psychiatric	Week 8	Chapter 21

OB/GYN Exam	Week 9	Chapter 21 Module 5
Neonatology; Pediatrics, PALS	Week 10	Chapter 21
Geriatrics; Abuse & Assault; Special Challenges	Week 11	Chapter 22
Chronic Care Patients; Assessment Based Management	Week 12	Chapter 23
PHTLS	Week 13	Chapter 23
Ambulance Operations; Medical Incident Command	Week 14	Chapter 24
HAZMAT, Crime Scene Awareness	Week 15	Chapter 24 Final Exam