

Imperial Valley College
EMTP 200: Paramedic Didactic 1

Semester: Spring 2013- 2014

Units: 9

Lecture Hrs: 144

Lab Hrs: 54

Instructor: Rick Goldsberry

Course Description: This course is the first phase of training to prepare individuals to render prehospital advanced life support within an organized EMS system based on course content that is equivalent to the U.S. Department of Transportation's National Education Standards for Paramedics 2009. This course will cover: EMS Preparatory, including EMS systems, roles and responsibilities of the paramedic, the well-being of the paramedic, illness and injury prevention, medical/legal issues, ethics, general principles of pathophysiology, pharmacology, venous access and medication administration, therapeutic communications and life span development Airway Management and Ventilation. Patient Assessment, including history taking, techniques of physical examination, clinical decision making, communications and documentation. This course teaches paramedic treatments and skills associated with the above core content. This course is an intense one, requiring the student's total dedication for successful completion. The student must realize that more than usual study and TBA requirements must be met throughout the program. This program is accredited by the CAAHEP.

Student Learning Outcomes: Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Perform in the role of Basic Life Support Instructor according to the guidelines of the American Heart Association. (ILO1, ILO5)
2. Progress to competent professional behavior as measured by the Global Affective Professional Behavior Evaluation. (ILO1, ILO3, ILO5)
3. Demonstrate the ability to perform a comprehensive physical exam and communicate the findings. (ILO1, ILO2, ILO3)
4. Demonstrate the ability to identify and utilize equipment in an exam. (ILO2, ILO3)
5. Demonstrate proper technique and precautions with equipment. (ILO2, ILO3)
6. Demonstrate the ability to manage airways. (ILO2, ILO3)
7. Communicate and document care given. (ILO1, ILO2, ILO3, ILO4)

Course Objectives: Upon completion of this course, the student will be required to pass a written final exam with a minimum passing score of 80%, and pass all required skills by demonstrating a "competent" level.

1. Demonstrate knowledge of the roles and responsibilities of a Paramedic within an EMS system, apply the basic concepts of development, pathophysiology and pharmacology to assessment and management of emergency patients, be able to properly administer medications, and communicate effectively with patients.
2. Perform in the role of Basic Life Support Instructor according to the guidelines of the American Heart Association.
3. Demonstrate knowledge of how to properly establish and/or maintain a patent airway, oxygenate, and ventilate a patient.

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- 4. Demonstrate knowledge of how to take a proper history and perform a comprehensive physical exam on any patient, and communicate the findings to other.
- 6. Demonstrate knowledge of indications, equipment needed, technique used, precautions, and general principles for skills covered in the preparatory module, and be competent performing the skills on a practical exam.
- 7. Demonstrate knowledge of indications, equipment needed, technique used, precautions, and general principles for skills covered in the airway management and ventilation module, and be competent performing the skills on a practical exam.
- 8. Demonstrate knowledge of indications, equipment needed, technique used, precautions, and general principles for skills covered in the patient assessment module, and be competent performing the skills on a practical exam.
- 10. Demonstrate by performance in student simulations the integration of knowledge, skill acquisition, patient management, scene management, treatment, communication and documentation for all modules.

Class Topics and Reading Assignments:

In addition to the assigned reading, there will be an oral presentation on topics pertaining to EMS and/or medical situations and a research paper on a topic selected by the student and approved by the instructor with student taking pro or con position and presenting arguments to support their position. Note: Plagiarism and cheating in any form will not be tolerated.

Testing is a significant portion of the grade for this course. A minimum of 3 quizzes/tests will be given every week. Additional information regarding assignments and grading will be discussed in class.

Grading Rubric for Course:

- 93-100 A
- 87-92 B
- 80-86 C
- 73-79 D
- Less than 72 is an **F**

Schedule: Didactic 1

Week 1	Book 1, Chap 1-8	Orientation to IVC paramedic program; Introduction to Paramedicine; EMS Systems; Roles and Responsibilities of the Paramedic; Workforce Safety and Wellness; EMS Research; Public Health; Medical/Legal Aspects & Ethics
Week 2	Book 1, Chap 9 AHA Core Instructor Course Materials	EMS System Communications; Documentation; Airway Management and Ventilation AHA Core instructor Course for BLS Instructors

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Week 3	Book 2, Chap 1-3	Parts 1-3 Pathophysiology; Parts 4 -5 Pathophysiology; Human Life Span Development; Emergency Pharmacology Part 1
Week 4	Book 2, Chap 4	Emergency Pharmacology Part 2; Intravenous Access and Medication Administration Parts 1 & 2
Week 5	Book 2, Chap 4 Book 2, Chap 5	Intravenous Access and Medication Administration Parts 2; Skills Lab for IV and Medication Administration; Airway Management and Ventilation Parts 1 & 2; Skills Lab for BLS Airway Management;
Week 6	Book 2, Chap 5	Airway Management and Ventilation Part 3; Skills Lab for Advanced Airway Management;
Week 7	Book 3, Chap 1-7	Scene Size-up; Primary Assessment; Therapeutic Communication; History Taking; Secondary Assessment; Patient Monitoring Technology; Patient Assessment in the Field Skills Lab for Patient Assessment

Required Textbooks:

- Bledsoe, B (2012). *Principles & Practices Series Vol. I* (4th/e). Upper Saddle River, NJ Pearson Education. ISBN: 0132112086
- Bledsoe, B (2012). *PM Care: Principles & Practices Series Vol. II* (4th/e). Upper Saddle River, NJ Pearson Education. ISBN: 013112175
- Bledsoe, B (2012). *PM Care: Principles & Practices Series Vol. III* (4th/e). Upper Saddle River, NJ Pearson Education. ISBN: 0132112353
- Bledsoe, B (2012). *PM Care: Principles & Practices Series Vol. IV* (4th/e). Upper saddle river, NJ Pearson Education. ISBN: 0132109034
- Bledsoe, B (2012). *PM Care: Principles & Practices Series Vol. V* (4rh/e). Upper Saddle River, NJ Pearson Education. ISBN: 0132112337
- Bledsoe, B. (2012). *PM Care: Principles & Practices Series Vol. VI* (4th/e). Upper saddle river, NJ: Pearson Education,. ISBN: 0132112310
- Bledsoe, B. (2012). *PM Care: Principles & Practices Series Vol. VII* (4th/e). Upper Saddle River, NJ: Pearson Education,. ISBN: 0132112345
- Beasley, Brenda M (2009). *Understanding EKGs: A Practical Approach* (3rd/e). Upper saddle river, NJ: Pearson Education. ISBN: 0135069068

Required Manuals:

- American Heart Association. Advanced Cardiovascular Life Support Provider Manual. American Heart Association , 06-01-2010.
- American Heart Association. Pediatric Advanced Life Support Provider Manual. American Heart Association , 06-01-2010.

Optional Textbooks:

- Bledsoe PM Care: Principles & Practices Series, 4/e, Vol. I workbook. ISBN: 0132112329
- Bledsoe PM Care: Principles & Practices Series, 4/e, Vol. II workbook. ISBN: 013211237X

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- Bledsoe PM Care: Principles & Practices Series 4/e, Vol. III workbook. ISBN: 0132111071
- Bledsoe PM Care: Principles & Practices Series, 4/e, Vol. IV workbook. ISBN: 0132112841
- Bledsoe PM Care: Principles & Practices Series, 4/e Vol. V workbook. ISBN: 0132111586
- Bledsoe PM Care: Principles & Practices Series, 4/e Vol. VI workbook. ISBN: 0132111462
- Bledsoe PM Care: Principles & Practices Series, 4/e Vol. VII workbook. ISBN: 0132111330
- Aehlert ECG's Made Easy w/Pocket Reference (2nd/e). ISBN: 0323039693
- Curran/Mundy. Dimensional Analysis for MEDS, ed. W.I. Publications ISBN:1401878016
- Fremgen Medical Terminology w/ software (3rd/e). Reston. ISBN: 0131849107
- Elling The PM Review: PM Lic. Exam Delmar. ISBN: 0766831183
- NAEMT Pre-Hospital Trauma Life Support (7th/e). Mosby. ISBN: 9780323065023
- Walraven Basic Arrhythmias (5th/e). Reston. ISBN: 0135002389

Additional Informational Items:

1. Student counseling and health services are available. 355-6310
2. Disabled Student Programs and Services are available. 355-6312
3. IVC Website/Catalog lists additional Student Rights and Responsibilities