

Basic Course Information

Semester	Spring 2016	Instructor Name	Rick Goldsberry
Course Title & #	EMTP210	Email	rickprn@yahoo.com
CRN #	20841	Webpage (optional)	www.ivcems.org
Room	3204	Office	3200
Class Dates	2/27/15 through 5/1/15	Office Hours	M-F:1200-1300, W:1200-1600
Class Days	M T Tr F	Office Phone #	760-355-6275
Class Times	0900-1605	Office contact if student will be out or emergency	760-355-6483 Sara Wheat or 760-879-4263 Rick Cell Phone
Units	9 units		

Course Description

Lecture Hrs. 144

Lab Hrs. 54

The certificate program prepares the student for licensure as a Paramedic (EMT-P) and to care for the sick and injured at the scene of an emergency and/or during transport to a healthcare facility. Acceptance into the program requires successful completion of the application process, high school diploma or GED, approval by the EMS Faculty Coordinator and the EMS Medical Director, current certification as an EMT certificate with at least one (1) year experience, current American Heart Association BLS/CPR certification, and for the applicant to be at least 18 years of age prior to any clinical experience. Contact the Nursing and Allied Health Department for more specifics.

Student Learning Outcomes:

1. Assess and treat medical problems including , medical & trauma patients as measured by using two observer evaluations during simulations. (ILO2, ILO3, ILO4)
2. Demonstration of entry level skills attainment as measured by passing a skills check-off using matrix. (ILO2, ILO3)
3. Demonstrate understanding of the concepts and use of Advanced Cardiac Life Support algorithms as measured by performance in the ACLS course stations and simulation practice evaluated by two observers. (ILO1, ILO2, ILO3, ILO4, ILO5)
4. Demonstrate professional behavior competency as measured by Global Affective Professional Behavior evaluation matrix. (ILO1, ILO2, ILO3, ILO4, ILO5)
5. Demonstrate ability to formulate a field impression on a trauma & medical patient. (ILO2, ILO3)
6. Demonstrate ability to manage field scene and communicate to other health care providers. (ILO1, ILO2, ILO3)

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 tests, demonstrating a "competent" level.

This course is the second 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 is designed to allow progression of the paramedic student in advanced didactic and skills training. This course will cover all aspects of. Trauma, including trauma systems, mechanism of injury, hemorrhage and shock, soft tissue trauma, burns, head/facial trauma, spinal trauma, thoracic trauma, abdominal trauma, and musculoskeletal trauma. medical emergencies, including: pulmonology, cardiology, neurology, endocrinology, allergy & anaphylaxis, gastroenterology, urology & nephrology, toxicology & substance abuse, hematology, environmental emergencies, infectious disease, assault,

the challenged patient, and acute interventions for chronic-care patients. The Advance Cardiovascular Life Support Course is included in this didactic section and must be successfully completed. Included in this course will be 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.

Textbooks & Other Resources or Links

Required Textbooks for the Entire Paramedic Program:

- 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* (4th/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
- Atwood, S., Stanton, C., Davenport, J. (2011). *Introduction to Basic Cardiac Dysrhythmia* (4th/e). Mosby/JEMS, ISBN: 978-1-284-04035-7

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.
- American Heart Association. *BLS for Healthcare Providers Instructor Manual*. American Heart Association, 6-01-2010

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
- 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

Course Requirements and Instructional Methods

Course requirements:

This course will include lecture and skills lab time as per the course schedule. During the course lecture materials will be provided on the Blackboard learning system. Skills sheets and other handout materials will be provided to paramedic interns. Students are required to do assigned reading in textbooks and will take quizzes on those reading assignments and lectures as per the schedule that is provided upon the start of the course. Completion of this course will require a passing grade in the AHA ACLS Provider course.

Instructional methodologies:

PowerPoint lectures with many graphics on materials covered in textbooks

Skills lectures followed by instructor demonstration & skills lab learning and practice.

Discussion

Classroom and one on one discussion between student and instructors

Group activities

Learning team related activities

Individual Assistance

Instructor appointments for students when requested or needed, individual assistance available with paramedic mentors upon request

Course Grading Based on Course Objectives

Grading Rubric for Course:

92-100 A

86-91 B

80-85 C

73-79 D (not passing)

Less than 72 is an F

Grade calculation is based on the following:

Daily quiz average = 20% of the total grade

Division exam = 30% of the total grade

Skill lab/Simulations = 10% of the total grade

Final Exam = 40% of the total grade

Note: A passing score on all daily quizzes, Division exams and Final exams is a minimum of 80%. Any daily quiz or Division exam that is not passing must be retaken on the next scheduled class meeting or by arrangement with the instructor. A minimum of 85% is required to pass any quiz or exam that has to be retaken. The original failing grade will be entered in student grade record and that grade will be the grade the students quiz average is based on (Not the retake score) Paramedic interns must maintain an average daily quiz score of 80% and will be subject to academic probation if the average drops below 80%. All retakes must be completed prior to the final exam for this course and the daily quiz average must be 80% or higher or the student will not be allowed to take the final exam. The student will receive an F grade in the course and be dropped from the paramedic program.

Attendance

- A student who fails to attend the first meeting of a class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.

- Because there is so much essential content covered each day during the didactic phase of paramedic training, students who miss more than 3 days of this course will be dropped from the paramedic program. Students who miss any classroom time, for any reason, are still required to complete all assignments and pass all quizzes or exams. Any student who will be absent must notify the instructor prior to the class beginning.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.
- Class sessions begin promptly at 0900 (unless instructor notifies students otherwise). Students who are later than 15 minutes past the 0900 hour will be marked tardy. 3 tardy days are equivalent to 1 absence and will be counted as an absent day. (Remembering that student will be dropped for 3 absences.)

Classroom Etiquette

Required Information

- Safety of all persons in the class is paramount. Any student who is participating in unsafe practices will be warned one time to stop their unsafe activity and then they will be told to leave the campus until they meet with the Campus Disciplinary Officer. Personal protective equipment are to be used anytime there is a risk of contamination. All sharp objects, such as needles must be used with great caution and placed in the appropriate sharps containers when task is completed.
- Electronic Devices: ALL cell phones, laptop computers and other electronic devices must be turned off and put away during class unless otherwise directed by the instructor. Students **may NOT** text, read email, or receive phone calls in the classroom during lectures or other classroom activities.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.
- Classroom/Lab orderliness: Students are responsible to maintain good order in the classroom. They should follow the instructor's directions at all times. If a student is uncertain about how to comply with instructor directions, they should ask for assistance immediately. All equipment used for classroom or lab activities must be used with care. Equipment should be returned to the proper location in all cases. No student leaves the classroom until all equipment is properly put back in its place.

Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following:
 - plagiarism
 - copying or attempting to copy from others during an examination or on an assignment;
 - communicating test information with another person during an examination;

- allowing others to do an assignment or portion of an assignment
- use of a commercial term paper service

Additional Help

- **Blackboard** support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- **Learning Labs:** There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- **Library Services:** There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.
- www.ivcems.org This website has a significant amount of information for paramedic interns to use. The program director periodically updates information on the website for interns.
- **One-on-one Time With the Instructor:** Your instructor will meet with you individually or in small groups to tutor you as time allows. You can request help from your instructor whenever you need it. The instructor has scheduled time for meeting with students on Wednesdays from 1200-1600 hours and daily during the lunch breaks. It is your responsibility to ask for help if you need it. Your instructor will be watching your quiz grades and may require that you meet with him if there is a problem with your grades.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6312 if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Required Language: Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

Student Rights and Responsibilities

- Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at http://www.imperial.edu/index.php?option=com_docman&task=doc_download&qid=4516&Itemid=762

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

Anticipated Class Schedule / Calendar

The following is a brief overview of the schedule for this course. A detailed schedule will be handed out to students on the first day of the course and is available on the program website: www.ivcems.org

Date or Week	Activity, Assignment, and/or Topic	Assignments
Week 1	Division 4A: Trauma and Trauma Systems; Blunt trauma; Penetrating Trauma; Hemorrhage and Shock; Soft Tissue	Book 5, Chapt.1-8

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	trauma; Burns; Orthopedic Trauma & Thoracic Trauma	
Week 2	Abdominal Trauma; Head, Neck, Face& Spinal Trauma; Nervous System Trauma; Environmental Trauma; Special Considerations In Trauma; Introduction to Simulations; Trauma Skills Practice;Desert Rescue (Field Trip to Imperial Sand Dune Off-Road Recreation Area with BLM Rangers & Reach Air Medical)	Book 5, Chapt.9-13
Week 3	Trauma Simulations Division 4A Exam Begin Division 4B: Pulmonology; Respiratory Medications; Cardiology, Part1; Cardiac Medications	Book 4, Chapt 1-2 Medication Sheets
Week 4	Cardiology, Part1 (continued); Cardiology, Part 2; Cardiac medications	Book 4, Chapt. 2 Medication Sheets
Week 5	Cardiology, Part 2Continued; Cardiology, Part 3; Cardiac medications	Book 4, Chapt. 2 Medication Sheets
Week 6	Cardiology, Part 3; Cardiac medications; Cardiac Skills Lab Practice; Neurology; Endocrinology; Immunology; Medications	Book 4, Chapt. 2-5 Medication Sheets
Week 7	Gastroenterology; Nephrology& Urology; Toxicology & Substance Abuse; Hematology; Infectious Diseases & Sepsis; Psychiatric & Behavioral Disorders; Diseases of the Eyes, Ears, Nose & Throat; Medications	Book 4, Chapt.6-12
Week 8	Non-Traumatic Musculoskeletal Disorders; Medical Skills Lab Practice; ACLS Provider Course	Book 4, Chapter 13 AHA ACLS Manual
Week 9	Intern Medical Simulations; Documentation: Imperial County Electronic Patient Care Record System	Simulation Assignments
Week 10	Intern Trauma and Medical Simulations; Didactic 2 Final Exam	Simulation Assignments