

Imperial Valley College
EMTP 235: Paramedic Field 1

Basic Course Information

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| Semester | Fall 2016 | Instructor Name | Rick Goldsberry |
| Course Title & # | EMTP 235 Field 1 | Email | rickprn@yahoo.com |
| CRN # | 30088 | Webpage (optional) | |
| Room | Field | Office | 3210 |
| Class Dates | 10747 | Office Hours | Call for appointment |
| Class Days | Students meet according to field preceptor schedule | Office Phone # | 760/355-6275 |
| Class Times | 0730-0730 (24 hour shifts) or as arranged with preceptor | Office contact if student will be out or emergency | Rick's cell phone: 760/879-4263 or EMS Secretary 760/355-6483 |
| Units | 6.5 Units | | |

Course Description

This course provides the first phase of field internship training to prepare the paramedic intern to render pre-hospital advanced life support (ALS) within an organized EMS system based on course content equivalent to the U.S. Department of Transportation's National EMS Education Standards for Paramedics (2009). The student will progress through record keeping and increasing patient care responsibilities from observation of a team to working as a team member to functioning as a team leader in actual patient care in the pre-hospital setting. The student experience will cover all aspects of medical and traumatic emergencies, advanced patient assessments, and advanced care on an ALS vehicle under the supervision of a licensed paramedic approved by the Local EMS Authority. In addition, the **student must complete 30 advanced life support contacts** as defined in the Calif. Code of Regulations, Title 22, Div. 9. This course is an intense one, requires more than usual study hours, TBA requirements, and the student's total dedication for successful completion. 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. thoroughly assess, provide care, communicate with patients, and relay appropriate information to Medical Control at the base station as determined by the field preceptor during live and simulated situations and measured by field evaluation grading rubric. (ILO1, ILO2, ILO3, ILO4, ILO5)
2. successfully pass all instructor/program director evaluations of practice based on field grading evaluation rubric every 5th shift. (ILO2, ILO3, ILO4)
3. successfully pass the evaluation of competencies of professional behavior using the Global Affective Professional Behavior Evaluation rubric. (ILO1, ILO2, ILO3, ILO4, ILO5)
4. recognize indications for intravenous/intraosseous infusions and solutions. (ILO2, ILO3)
5. recognize a variety of cardiac rhythms and treatment. (ILO2, ILO3, ILO4)
6. apply cardiac monitoring equipment in the pre-hospital setting. (ILO2, ILO3)

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Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. perform complete, patient medical examinations with competency as outlined in the field evaluation performance standards, in the pre-hospital setting.
2. Demonstrate leadership skill by delegating, when appropriate, tasks to other qualified members of the team.
3. demonstrate ability to recognize indications for intravenous/intraosseous infusions of selected solutions and implementation of such infusions, in the pre-hospital setting, with competency as outlined in the field evaluation performance standards.
4. demonstrate knowledge of indications for and administration of defibrillation, synchronized cardioversion, and pacing in the pre-hospital setting, with competency as outlined in the field evaluation performance standards
5. demonstrate ability to recognize a variety of cardiac monitor rhythms with competency as outlined in the field evaluation performance standards, in the pre-hospital setting.
6. demonstrate ability to operate a portable cardiac monitor/defibrillator/pacer, with competency as outlined in the field evaluation performance standards, in the pre-hospital setting.
7. demonstrate knowledge of indications, contraindications, pharmacology and complications and safe use of all paramedic medications in the pre-hospital setting, as outlined in the field evaluation performance standards, with competency.
8. demonstrate ability to properly prepare and safely administer all paramedic medications, in the pre-hospital setting, with competency, as outlined in the field evaluation performance standards.
9. demonstrate ability to properly place an endotracheal tube (both oral & stomal), and Combitube, with competency in the pre-hospital setting, as outlined in the field evaluation performance standards.
10. demonstrate knowledge of conditions and treatments specific to obstetrical/gynecological emergencies and care of the neonatal patient, in the pre-hospital setting, with competency, as outlined in the field evaluation performance standards.
11. demonstrate knowledge of conditions and treatment of conditions specific to pediatric patients, in the pre-hospital setting, with competency, as outlined in the field evaluation performance standards.
12. demonstrate knowledge of conditions requiring needle thoracotomy and proper procedure for same, in the pre-hospital setting, with competency, as outlined in the field evaluation performance standards.
13. demonstrate ability to care for medical and trauma patients with competency, in the pre-hospital setting, as outlined in the field evaluation performance standards

Textbooks & Other Resources or Links

Required Textbooks: These are the same texts used during all three didactic classes.

- 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
- Ochs, Melvin (0). *Recognition and Interpretation of ECG Rhythm* (3rd/e). Pearson. ISBN: -
- 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
- 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
- Eling 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

The field preceptor may assign presentations to the student if they see a need for the student to improve in a specific area that the preceptor sees them as needing more study in.

For example, if a student is weak in knowledge about a certain cardiac condition they might be assigned to

research the topic and give a presentation to crews in the fire or ambulance station. They can work on the presentation either while they are on duty as a student or on their personal time off. The time required to complete the assignment will vary as to the subject but usually between 2 to 4 hours. Note: Plagiarism and cheating in any form will not be tolerated.

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

Course Grading Based on Course Objectives

Grading for Course:

92-100 A

86-91 B

80-85 C

73-79 D

Less than 72 is an F

Note: a grade of **C** or better is required to progress in the program. Field preceptors use evaluation tools and grading rubrics to measure competency which are provided to students in their field evaluation binders.

Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online 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.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor.
- 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.
- See additional information in the 2015 Paramedic Program Handbook

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 – Discretionary Section and Language

- 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.

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

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.

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&gid=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

Schedule: The following will be completed primarily based on the cases seen in the field setting

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| Week 1-8 | 1. Patient medical examinations in the field setting. |
| Week 1-8 | 2. Demonstrate leadership skill by delegating, when appropriate, tasks to other qualified members of the team. |
| Week 1-8 | 2. Intravenous techniques in the field setting. |
| Week 1-8 | 3. Procedure for defibrillation/cardioversion/pacing in the field setting. |
| Week 1-8 | 4. Interpretation of cardiac monitor patterns in the field setting. |
| Week 1-8 | 5. Operation of the cardiac monitor/defibrillator in the field setting. Acquisition of 12 lead ECG in appropriate patient conditions. |
| Week 1-8 | 6. Knowledge of indications, contraindications, pharmacology & complications of paramedic medications in the field. |
| Week 1-8 | 7. Administration of approved paramedic medications in the field setting |
| Week 1-8 | 8. Knowledge of indications & placement of needle cricothyroidotomy in the field setting. (not approved in Imperial County EMTP scope of practice) |
| Week 1-8 | 9. Use of paramedic airway/oxygen devices; and basic and advance airway management in the field setting. |
| Week 1-8 | 10. Pediatric evaluation & treatment in the field setting. |
| Week 1-8 | 11. Obstetrical & gynecological evaluation & treatment in the field setting. |
| Week 1-8 | 12. Indications & insertion of the needle thoracostomy in the field setting. |
| Week 1-8 | 13. Recognition of and performance of care for medical & trauma patients in the field setting. |