

Imperial Valley College Course Syllabus – Course Title and number

Basic Course Information

Semester	Fall 2014	Instructor's Name	Steven Holt
Course Title & #	Fire 105	Instructor's Email	steve.holt@imperial.edu
CRN #	10346	Webpage (optional)	
Room	3204	Office (PT Faculty:809)	3207
Class Dates	8/18/14 – 12/10/14	Office Hours (n/a for PT Faculty)	Monday 1400-1430 Tuesday 1400- 1630 Wednesday 1355-1430 Thursday 1500-1630
Class Days	Monday and Wednesday	Office Phone # (PT may use dept. number)	760 355 6183
Class Times Units	<p>Morning Course: Monday and Wednesday Lec 8:30 AM- 11:55AM</p> <p>Lab 12:30 PM – 1:55 PM</p> <p>Evening Course: Tuesday and Thursday Lec 4:30 PM-7:55 PM</p> <p>Lab 8:20 PM-9:45 PM</p>	Who students should contact if emergency or other absence	Sara Wheat 760 355 6183 sara.wheat@imperial.edu

Course Description

Emergency Medical Technician I

I. COURSE/CATALOG DESCRIPTION:

A course designed for individuals who will come in contact with victims of illness or injury primarily in an emergency, pre-hospital environment. This course would be of value to all emergency service personnel, including ambulance personnel, law enforcement, fire services, hospital emergency department, and other rescue personnel. Topics will include roles and responsibilities, evaluation and treatment of illness and injury. Procedures for dealing with life threatening emergencies are presented. The student will be able to gain a functional understanding of assessment-based approaches to patient care as well as the interventions added to the EMT I scope of practice. Hazardous Material training and semi-automatic defibrillation training are included. This course is approved by the Imperial County Emergency Medical Services Agency and is within the training guidelines of California Code of Regulations and the California Fire Service Training and Education Systems (CFSTES). Successful completion will result in eligibility for certification as an EMT I and EMT D. Successful completion will also result in a Training Institute (CSTI) through the Office of Emergency Services (OES). This is one of six courses required for an associate degree in Fire Technology and one of six courses toward eligibility for a Fire Fighter I certificate. (Same as FIRE 105) (CSU)

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. Demonstrates the application of a traction splint in proper sequence and using standard precautions. (ILO 2, ILO 3)
2. Demonstrate the ability to use critical thinking skills to assess and treat patients in emergency settings. (ILO1, ILO2, ILO5)
3. Demonstrate the use of federal and state laws in relation to on scene emergencies. (ILO1)
4. Write a narrative report from data supplied in various forms including written input, verbal input, and visual observations. The report will be legible, will have correct spelling and punctuation, and will demonstrate the proper use of grammar.(ILO1)
5. Complete an assessment of a medical patient, in an oral station, in proper sequence and with proper care, using a National standard check off sheet.(ILO 1, ILO 2)
6. Complete a patient assessment on a trauma Pt in proper sequence and using standard precautions. This is a Verbal and Hands on skill.(ILO 2, ILO 3, ILO 4)
7. Demonstrate an ability to recommend appropriate diagnostic and therapeutic procedures. (ILO2)

Course Objectives

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

1. Demonstrate knowledge of EMS system design, roles and responsibilities, critical incidence stress management, death and dying, communications, customer service, medical legal issues, lifting and moving patients, equipment maintenance, ambulance driving, and how to respond to a call.
2. Demonstrate knowledge of medical terminology, human anatomy, and pharmacology, as it pertains to EMS.
3. Demonstrate knowledge of CPR, foreign body airway management, airway management, oxygen administration, King Airway.
4. Demonstrate knowledge of the role of the ALS provider, the local ALS unit and equipment, assisting the ALS provider, ALS communications equipment and how to communicate effectively with ALS providers.
5. Demonstrate knowledge of scene assessment, patient history, primary and secondary survey, neurological exam and accurate measurement of vital signs.
6. Demonstrate knowledge of body substance isolation, methods of disease transmission, immune system responses, and the chain of transmission.
7. Demonstrate knowledge of mechanism of injury, bleeding and shock, soft tissue injuries, burns, musculoskeletal trauma, head and spine injuries, chest and abdominal injuries, and agricultural or industrial emergencies.
8. Demonstrate knowledge of cardiovascular, respiratory, non-traumatic abdominal, neurological, and diabetic emergencies.
9. Demonstrate knowledge of physiological changes during pregnancy, complications of pregnancy, stages of labor and delivery, normal childbirth, and resuscitation of the newborn.
10. Demonstrate knowledge of assessment of special populations such as infant, pediatric, and geriatric patients and their common illness, potential for abuse, and syndromes specific to each; e.g. sudden infant death.
11. Demonstrate knowledge of electrical emergencies, heat and cold emergencies, poisonings, water-related emergencies, bites, stings, envenomation, altitude sickness, allergic reactions/anaphylactic shock.
12. Demonstrate knowledge of patient's response to illness and injury, legal aspects of behavioral emergencies, alcohol and substance abuse, attempted suicide, rape and sexual assault, disruptive behavior and emotional problems.
13. Demonstrate knowledge of the incident command system, the medical branch, transportation, types of incidents and triage during a multi-casualty scene management.
14. Demonstrate knowledge of principles of extrication and disentanglement.

15. Demonstrate knowledge of patient care during transport, including care of pre-existing indwelling devices, performing CPR during transport, and helicopter safety.
16. Demonstrate knowledge of hazardous material at the first responder awareness level.
17. Demonstrate knowledge of local policies and procedures.
18. Demonstrate knowledge of use of the semi-automatic defibrillator and policies/procedures regarding EMT defibrillation.
19. Demonstrate knowledge of patient care in class, hospital, clinical, and/or field setting

Textbooks & Other Resources or Links

- **Student Textbook-required - Emergency Care 12th Ed.**

Publisher-Pearson Education, Author Limmer-O'Keefe (2012).

- **Student Workbook-required - Emergency Care 12th Ed. Workbook**

Publisher-Pearson Education, Author Limmer-O'Keefe (2012).

- **American Heart Association-CPR Card Required \$5.00 for initial card. Replacement cards are \$10.00.**

CPR mask \$17.00. Must purchase both at IVC bookstore prior to taking the CPR portion of the EMT-I Course. Please take advantage of the workbook and CD provided in the textbook. Prices subject to bookstore change. Must be 2010.

- **I.D. Badge- \$5.00 required. It is not the same as the student I.D. I will notify you when it's time.**

The student is required to wear this to class.

Please purchase at the College Center- the Casbah Room when given notice. They will not allow you to purchase it until I notify them. Please bring your social security number and I.D. as proof.

The student is responsible to purchase their uniform by the date given in the schedule. Failure to do so will result in failure of the course.

- **Background check – approximately \$40 - \$67.**
- **Polo Shirts and Uniform Pants (approximately \$40.00) for course must be purchased on own.**
- **Polo Shirt: Must be a Navy Blue. No logos.**
- **Pants: navy blue or black Docker or Uniform Pant. (NO JEANS).**
- **Watch with second hand**
- **Stethoscope (optional)**
- **Students must wear uniforms for skills/simulation days**

Course Requirements and Instructional Methods

This course is taught at a professional level to teach students to become healthcare professionals in the pre-hospital setting. Students are expected to behave professionally in all aspects of this class. You are representing the college in your clinical settings as a student. In attending this course it is hoped that students will act in a professional manner. Admission to Imperial Valley College is governed by the laws of the state and such supplementary regulations as prescribed by the Board of Trustees. It is assumed that the entry of a student into Imperial Valley College constitutes the student's acceptance of the Standards of Student Conduct and the regulations published by the college in the General Catalog

Additional Mandatory hours. All students are required to do 20 hours of Clinical/Field hours and assess and document a total of 5 patients. Any student who does not do the required hours or fails to assess 5 patients will receive an “F” for the entire class.

Clinical Hours: Ten hours- scheduled-TBA
Field Hours: Ten hours –scheduled-TBA
Hospital Orientation: TBA

Course Grading Based on Course Objectives

Grading Scale:

93-100 = A
85-92 = B
77-84 = C
Below 77 = F

All students are required to receive an 80% or higher on the written final. This is required by the state of California and reflects the National standard. Students are allowed one re-take of the written final, however the first score will be the only one applied to your grade. Any students not receiving an 80% on either attempt will receive an “F” for the entire course.

- Students are required to take all scheduled written and practical examinations. It is up to you to periodically check the student schedule. There are no make-ups to an exam.
- Examinations will be based on information presented in lecture, from the textbook and skills presentations.
- You are required to pass all section examinations with the minimum of 77% proficiency. The final examination must be passed with 80% proficiency.
- **Additional Grading**
 - The CPR examination must be passed with the minimum of 84% proficiency (American Heart Association requirement). Students who cannot pass the CPR exam will be dropped from the course
 - Workbook = 100 points
 - Participation/Skills = 100 points
 - Chapter exams= 100 points (Very important!)
 - Clinical field = 100 points
 - Midterm = 200 points
 - Written Final= 300 points
 - Weekly Homework = 50 points or more
 - Documentation Assignment = 50 points
 - CPR exam= 100 points
 - Skills Final= Pass/ Fail Students must Pass 10 Skills stations to pass the course

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.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.
- You are allowed a total of 3 absences. Leaving early beyond 40 minutes is a full absence. Three tardies equals 1 full absence.
- Mandatory Days = There will be several mandatory days listed in the Class Schedule. These days are required to progress in the course and they cannot be repeated. Students missing a mandatory day may be dropped from the course or receive a failing grade.

Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor. Each offense will result in 10 points being deducted from your Participation/Skills grade; repeat offenders will be asked to leave.
- 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.

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 or 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: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment ;(c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment, (e) 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)

Required Language: 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. If you feel you need to be evaluated for educational accommodations, the DSP&S office is located in Building 2100, telephone 760-355-6313.

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&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

Upon Course Completion:

Once the course is completed and the student has met the requirements of the California EMS Authority and the Imperial County EMS Agency an \$87.00 fee will be required by the agency.

To obtain county certification you must contact them first and make an appointment with them to acquire your Imperial County EMS EMT-I card. **THIS CARD ALLOWS YOU TO WORK AS AN EMT.**

THEY WILL NEED YOUR NATIONAL REGISTRY CARD, AMERICAN HEART ASSOCIATION HEALTHCARE PROVIDER CPR CARD, FEE AND SEE AN IDENTIFICATION CARD.

**Imperial County EMS Agency
EMS Manager**

**935 Broadway
El Centro, CA 92243
760-482-4516 or 760 482 4768**

YOU HAVE WITHIN TWO YEARS OF YOUR COMPLETION DATE TO ACQUIRE YOUR EMS CARD. IF YOU DON'T ACQUIRE IT WITHIN TWO YEARS YOU WILL HAVE TO REPEAT THE

COURSE. IF YOU DO NOT HAVE A CARD YOU ARE NOT ABLE TO WORK AS AN EMT IN THIS STATE. THE CERTIFICATE YOU ARE SENT IN THE MAIL IS JUST A COURSE COMPLETION CERTIFICATE.

UPON COMPLETION OF THIS COURSE YOU HAVE WITHIN TWO YEARS TO TAKE YOUR NATIONAL REGISTRY EXAM. YOU MUST PASS THE NATIONAL REGISTRY WRITTEN EXAM TO BECOME CERTIFIED IN THE STATE OF CALIFORNIA AS AN EMT. IF YOU WAIT OVER ONE YEAR YOU WILL NEED TO BE RETESTED ON YOUR SKILLS PROFICIENCY.

YOU MAY CONTACT OUR EMS OFFICE TO FIND OUT WHEN AN EXAM IS GOING TO BE ADMINISTERED OR LOOK ON THE NATIONAL REGISTRY WEBSITE: WWW.NREMT.ORG. MOST TESTING CENTERS REQUIRE YOU TO SUBMIT YOUR CURRENT AMERICAN HEART ASSOCIATION HEALTHCARE PROVIDER CARD, APPLICATION, A SITE FEE, NATIONAL REGISTRY FEE AND YOUR COURSE COMPLETION CERTIFICATE.

RECERTIFICATION OF YOUR EMT CARD:

THE STATE OF CALIFORNIA DOES NOT REQUIRE YOU TO RETAIN A NATIONAL REGISTRY CARD.

EVERY TWO YEARS:

- 1. YOU NEED TO HAVE YOUR SKILLS COMPETENCY VERIFIED BY YOUR AGENCY. IF YOU DO NOT WORK FOR AN AGENCY YOU NEED TO ATTEND A REFRESHER COURSE.**
- 2. TWENTY FOUR HOURS OF CONTINUING EDUCATION OR A REFRESHER COURSE.**

EXPIRED CANDIDATES:

IF EXPIRED LESS THAN SIX MONTHS NEED TO DO THE ABOVE.

- SIX MONTHS TO A YEAR MAY NEED TO DO ADDITIONAL CE HOURS**
- ONE YEAR TO TWO YEARS ADDITIONAL CE AND POSSIBLY REDO THE NATIONAL REGISTRY.**
- AFTER TWO YEARS NOW REQUIRES A REPEAT OF THE ENTIRE EMT COURSE.**
- CONTACT YOUR LOCAL EMS OFFICE TO SEE WHAT THE REQUIREMENTS ARE.**

You will need to refer to THIS SYLLABUS through out the course.

Faculty Bio-sketches:

Steve Holt, EMTP, EMT-I Instructor – Steve Holt is the EMT Instructor for Imperial Valley College. He was a full time Paramedic for Gold Cross Ambulance for 20 years. He continued to work there part time for another 6 years. Steve also teaches for IVC's Paramedic program.

Adjunct Faculty

John Green, Fire Captain, FFII EMT-P - Per-session instructor

John Green is a per-session Instructor for Imperial Valley College. He is a fulltime CSFM FFII-Fire Captain/Paramedic for Imperial County Fire Department. John is currently pursuing is Associates in Fire Technology and has worked in the profession over 28 years. He also teaches in our Fire Academy.

Information on other adjunct faculty is available at your request.

Working in EMS can be the best job in the world. It's never dull and full of great individuals. The satisfaction of helping someone when they're sick, injured or scared is a wonderful feeling. Let's have a great semester and put that EMT certificate in our pocket. Who's ready? Who's coming with me ?

Steve Holt, EMT-P
EMT-I Instructor

EMT-I 105 Class Schedule

FALL 2014 Night Class

DATE:	Chapter/ Title	Requirements
8/19/14	INTRODUCTION TO COURSE SYLLABUS Schedule	Purchase Books/Wristwatch/CPR
8/21/14	American Heart Association CPR DAY 1	CPR BOOK, MASK Mandatory
8/26/14	AHA Written Exam. CPR Day 2	CPR BOOK, MASK Mandatory
9/28/14	Cover Chapter 1-3	Textbook/ Blackboard Homework Ch. 1-6
9/2//14	Cover Ch. 4-6	
9/4/14	Exam: Ch. 1-6 Cover Ch. 7-9	HW 1- 6 Due Scantrons HW 7-12
9/9/14	Cover Ch. 10-12	
9/11/14	Skills day; Airway, Vitals Lift and move patients	Skills/Uniform day.
9/16/14	Exam: Ch. 7-12 Cover Ch. 13-15	HW 7-12 Due HW 13-18 starts
9/18/14	Cover Ch. 16-18	
9/23/14	Exam: 13-18 Cover Ch.19-20	HW 13-18 Due HW 19-23 starts
9/25/14	Cover Ch. 21-23	
9/30/14	Exam 19-23 Cover Ch. 24-26	HW 19-23 Due
10/2/14	PMH Orientation Midterm study session Documentation Exercise	Mandatory day Background and TB test must be completed
10/7/14	Midterm Ch. 1-26 Skills practice	Mandatory/Uniform

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10/9/14	Trauma Cover Ch. 27-29	HW 27-32 assigned
10/14/14	Cover Ch. 30-32	
10/16/14	Trauma skills day	Uniform day
10/21/14	Exam: Ch 27-32 Cover Ch. 33 Scenarios	HW 27-32 Due HW 33-37 starts
10/23/14	Cover Ch. 34-35	
10/28/14	Cover Ch. 36-37	
10/30/14	Exam 33-37 Cover Ch. 38-39	HW 33-37 Due HW 38-41 begins
11/4/14	Cover Ch. 40-41 Practice testing	
11/6/14	Field Trip at ICFD REACH AIR Extrication Practice	Skills day Uniform day
11/13/14	National Registry INFO Student Presentations Discuss Skills Final	HW 38-41 Due
11/18/14	Practice Testing Prevention Research	Bring Electronics
11/20/14	Comprehensive Review	
12/2/14	Skills Practice	
12/4/14	Written Final Ch. 1-41	Workbook/Clinical/Field Due
12/8/14	Written Final Re-take at 1400	Only Chance
12/9/14	Skills Final Day 1	Uniform
12/11/14	Skills Final Day 2. Last Day	Uniform