

Basic Course Information

Semester	Spring 2019 Day	Instructor's Name	Steven Holt
Course Title & #	EMT 105	Instructor's Email	steve.holt@imperial.edu
CRN #	10650	Webpage (optional)	
Room	3204	Office (PT Faculty:809)	3207
Class Dates	1st Day – 8/21/19 Last Day – 12/13/19	Faculty Office Hours (n/a for PT Faculty)	Tuesday 1430-1630 Wednesday 1400-1500 Thursday 1500- 1630 Friday 1355-1430
Class Days	Wednesday and Friday	Office Phone # (PT may use dept. number)	760 355 6183
Class Times	0830-1355	Who students should contact if emergency or other absence:	Tricia Jones 760 355 6483 tricia.jones@imperial.edu
Units 7.5 units	8:30am – 1:55pm		

Course Description

EMT 105

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. Successful completion will result in eligibility for a license in any state as an EMT I.

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. Demonstrate the ability to assess and treat a patient with airway management issues using appropriate equipment and a pre-approved skills check off sheet. (ILO1)
2. 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)
3. Complete a patient assessment on a trauma patient in proper sequence and using standard precautions. This is a Verbal and Hands on skill. (ILO 2, ILO 3, ILO 4)
4. Demonstrate correct application of spinal immobilization equipment for given scenario. (ILO1, ILO2, ILO3)

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, and KING airway management.
- 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.
- 20 Describe the key concepts and principles underlying NIMS
- 21 Demonstrate the knowledge of the Roles and Responsibilities of an EMT in a Tactical Emergency

Textbooks & Other Resources or Links

- Student Textbook-REQUIRED - Emergency Care 13th Ed. Publisher-Pearson Education, Author Limmer O'Keefe (2014).
- Emergency Care workbook NOT required – A mandatory testing website/APP will be purchased by each student. The website/APP will be discussed on the first day of class.
- American Heart Association-CPR Card. *Replacement cards are \$10.00.*
- CPR mask \$17.00 and American Heart Association Basic Life Support for Healthcare Providers book (2015) \$22. Must have both prior to taking the CPR portion of the class. (Day 2 and 3).
- I.D. Badge- \$5.00 required. It is not the same as the student I.D. Instructor will notify you when it's time.
- Background check and drug screening = ~\$ 83 -\$100
- The student is required to wear the items below to class. Please purchase when given notice. 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.
- Polo Shirts and Uniform Pants for course must be purchased by student.
 - o Polo Shirt: At **Border Tactical** \$25. o Pants: navy blue Dockers or Uniform Pants. (NO Jeans).
 - o Wrist watch
 - Shoes – Black, no open toe
- Students will wear the required uniform on **all** skills/simulation days

Course Requirements and Instructional Methods

This course is taught at a professional level for students seeking a career in Emergency Medical Services. Students are expected to behave professionally during all aspects of this class. In addition, you are representing the college in your assigned clinical settings. 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.

All students must complete a Background check, Physical, Drug test, TB Test, FLU Shot, Hepatitis B shot, and other basic immunizations prior to doing their Field/Hospital Hours. Students may sign a Declination form for certain immunizations (FLU, Hep B). However, this may affect the quality of their clinical/field experience

Additional mandatory hours. All students are required to do 24 hours of Clinical/Field hours and to assess and document a total of 5 patients. Any student who does not do the required hours or fails to assess 10 documented patients will receive an "F" for the entire class.

- Clinical Hours: Twelve hours - scheduled-TBA
- Field Hours: Twelve hours –scheduled-TBA
- Hospital Orientation: Online

Course Grading Based on Course Objectives

The student must meet requirements of the: National Registry of Emergency Medical Technicians, California EMS Authority, Imperial County EMS Agency, American Heart Association.

Grading for the different sections of this course may vary slightly please read carefully. Ultimately, the EMT comprehensive final test **must** be passed with a score of 80% or higher. Students will be given a second chance to take the written final only if they get less than 80% the first time. The second chance score will not be applied to their grade; it is a pass or fail exam based on 80%. A student who cannot achieve an 80% or higher after 2 chances, will receive an F for the entire course.

EMT Grading Scale:

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

AND

Pass Final with 80% or higher

Other Requirements:

- Students **must** 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.
- Mandatory exercise will be an everyday part of your class participation points.
- The CPR examination **must** be passed with the minimum of 84% proficiency (AHA). Students who cannot pass the CPR exam will be dropped from the class

Written Final =300 points

LC Ready APP = 20 points awarded after achieving an 80% or better on each of the 5 “Practice Exams”

LC Ready APP = Additional HW Quizzes in APP – 10 points awarded after achieving an 80% or better on each of the “Review Quizzes” (11)

EMT Homework = 25- 50 points per Homework Assignment (8)

Clinical/Field hours/ 10 Documented Patients = 100 points

CPR = 50 points

Exercise/Skills/Uniforms/Participation = 100

EMT Exams = 100 points each (8)

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 2 absences or 10 hours of class time.**
- **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. Students receive one verbal or written warning. Repeat offenders will be dropped from the Course.
- **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

Canvas

- 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-andprograms/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 a \$99.00 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. (The EMS EMT-1 CARD ALLOWS YOU TO WORK AS AN EMT.) The County EMS will need your National Registry Card, American Heart Association Healthcare Provider CPR Card, Fee, and to 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 two years from your completion date to acquire your EMS EMT-1 Card. If you do not 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:

1. If expired **less than six months**, you will need to do the above.
2. If expired **six months to a year**, you may need to do additional CE hours
3. If expired 1 to 2 years, additional CE AND possibly redo the National Registry.
4. If expired more than 2 years, you will be required to repeat the entire EMT course.
5. Contact your local EMS office to see what the requirements are.

You will need to refer to THIS SYLLABUS throughout the course.

Full-Time 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

Steve Holt, EMT-P, EMT-I Instructor

EMT 105 CLASS SCHEDULE SPRING 2019 DAY

DATE:	Chapter/ Title	Requirements/Due
8/21/19 Day 1	Introduction to Course Syllabus Schedule	Holt <i>Begin work on background/drug/TB/FLU</i>
8/23/19 Day 2	American Heart Association CPR	CPR book and mask Mandatory Holt Ochoa, Green, Celaya
8/28/19 Day 3	AHA. CPR Day 2	CPR BOOK, MASK Holt, Ochoa, Green, Celaya
8/30/19 Day 4	Cover Ch. 1-3 Intro to EMS Well Being of the EMT Lifting and Moving	Holt Must have Textbook. Ch. 1-6 Homework in CANVAS
9/4/19 Day 5	Cover Ch. 4-6 Legalities Medical Terminology Anatomy and Physiology	Holt
9/6/19 Day 6	EXAM 1-6 Cover Chapter 7-8 Pathophysiology Life Span Development	Holt HW 7-10 canvas Homework 1-6 DUE on scantron in pencil
9/11/19 Day 7	Cover Chapters 9-10 Airway Management Oxygenation and Ventilation	Holt Read Chapter 13
9/13/19 Day 8	Skills day; Airway, Vitals, Lifting and Moving/ Ambulance Simulator KING Airway	Holt//Ochoa/Green 1 Staff Uniforms/skills

Imperial Valley College Course Syllabus – Course Title and number

9/18/19 Day 9	Exam 7-10 Cover Ch. 11-13	HW 7-10 DUE Holt
9/20/19 Day 10	Cover Ch. 14-15 Secondary Assessment Communication and Documentation	Holt
9/25/19 Day 11	EXAM 11-15 Cover 16-17 Pharmacology Respiratory Emergencies	Holt HW 11-15 Due HW 16-19 in Canvas
9/27/19 Day 12	Cover 18-19 Cardiac Emergencies Diabetes and Altered Mental Status	Holt
10/2/19 Day 13	EXAM 16-19 Cover 20-21 Allergic Reaction Poisoning/Overdose Epinephrine Pen Skill	Holt HW 16-19 Due HW 20-24 in Canvas
10/4/19 Day 14	Cover 22-24 Abdominal Emergencies Behavioral Emergencies Hematologic/Renal Emergencies	Holt
10/9/19 Day 15	Exam 20-24 Skills Day Assessment Practice Ambulance Simulator	Ochoa//Holt/2 Staff Uniforms HW 20-24 Due HW 25-31 in Canvas
10/11/19 Day 16	Intro to Trauma Cover Chapter 25-26 Bleeding and Shock Soft Tissue Trauma Bleeding and Shock skill	Holt Background/Drug/TB/flu shot is Due Clinical Field Begins
10/16/19 Day 17	Cover Ch. 27- 29 Chest Trauma Musculoskeletal Head/Neck Trauma	Holt

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10/18/19 Day 18	Trauma skills Day	/Holt//Ochoa / 2 staff Uniforms Bring skills sheets
10/23/19 Day 19	Cover Ch. 30-31 Trauma Continued Environmental Emergencies Documentation Practice/Review	Holt
10/25/19 Day 20	Exam 25-31 EMT Scenarios	Holt HW 25-31 Due Uniforms HW 32-35 in Canvas
10/30/19 Day 21	Cover Ch. 32-33 Obstetrics Pediatrics	Holt
11/1/19 Day 22	Pediatrics continued Cover 33-35 Geriatrics Special Populations	Holt
11/6/19 Day 23	Exam 32-35 Cover Ch. 36-37 EMS Operations HAZMAT/Mass Casualty	Holt HW 32-35 Due HW 36-39 in Canvas
11/8/19 Day 24	Cover Ch. 38-39 Gaining Access EMS Terrorism	Holt
11/13/19 Day 25	ICFD Field Trip Extrication Air Operations	Holt Uniforms

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11/15/19 Day 26	Exam 36-39 Mass Casualty Scenario Tactical EMT	Holt HW 36-39 Due
11/20/19 Day 27	Skills Final Practice Naloxone Skill Bleeding Control Skill	Holt /1 staff
11/22/19 Day 28	NREMT information Student Clinical/Field Presentations Written Final Review	Holt
12/4/19 Day 29	Skills Practice Glucometer skill check off	Holt
12/6/19	Written Final Chapter 1-39	Holt
12/11/19 Day 30	NREMT Skills Final Day 1	Ochoa// Holt/Green/ 1 staff
12/13/19 Day 31	NREMT Skills Final Day 2 <ul style="list-style-type: none"> • Retake of the Written Final/Missed Exams ,for any eligible student is scheduled for 12/16/19 -1030 • 1030 – 1330 hours 	Ochoa/Holt//2 staff

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