

### Basic Course Information

Semester:	<b>Fall 2025 Day</b>	Instructor Name:	<b>Steven holt</b>
Course Title & #:	<b>EMT-105</b>	Email:	<b>Steve.holt@imperial.edu</b>
CRN #:	<b>10332</b>	Webpage (optional):	
Classroom:	<b>3204</b>	Office #:	<b>3206</b>
Class Dates:	<b>8/13/25-12/5/25</b>	Office Hours:	<b>Tuesday 1000-1300 Monday 0730-0830</b>
Class Days:	<b>Wednesdays and Fridays</b>	Office Phone #:	<b>Steve-760 355 6183 Tricia 760 355 6483</b>
Class Times:	<b>0830-1355</b>	Emergency Contact:	<b>Tricia.jones@imperial.edu</b>
Units:	<b>7.5</b>	Class Format:	<b>LIVE</b>

### Course Description

A course designed for individuals who will encounter victims of illness or injury primarily in an emergency, prehospital 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 Course completion makes students eligible to take the National Registry Exam (NREMT). Students who complete the EMT course and Pass the National Registry Exam are eligible for an EMT License in any state in the U.S.

### Course Prerequisite(s) and/or Corequisite(s)

*There are no Pre-requisites for the course.*

*\*Students must pass the BLS Healthcare Provider CPR portion at the beginning of the course. Students will be dropped if they do not miss the CPR Portion. Students must pay \$5 to the business office for the CPR eCARD.*

### Student Learning Outcomes

- 1) 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)
- 2) Complete an assessment of a medical patient, while providing appropriate care, using a National standard check off sheet. (ILO 1, ILO)
- 3) 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)

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 Understand Infectious Diseases know signs and symptoms, and when and how to use Personal Protective Equipment PPE.
- 4 Demonstrate knowledge of CPR, foreign body airway management, airway management, oxygen administration, and KING airway management.
- 5 Demonstrate knowledge of the role of the ALS provider, the local ALS unit and equipment, assisting ALS providers, and how to communicate effectively with ALS providers.
- 6 Demonstrate knowledge of scene assessment, patient history, primary and secondary survey, neurological exam, and accurate measurement of vital signs.
- 7 Demonstrate knowledge of body substance isolation, methods of disease transmission, immune system responses, and the chain of transmission.
- 8 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.
- 9 Demonstrate knowledge of cardiovascular, respiratory, non-traumatic abdominal, neurological, and diabetic emergencies.
- 10 Demonstrate knowledge of physiological changes during pregnancy, complications of pregnancy, stages of labor and delivery, normal childbirth, and resuscitation of the newborn.
- 11 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.
- 12 Demonstrate knowledge of electrical emergencies, heat and cold emergencies, poisonings, water related emergencies, bites, stings, envenomation, altitude sickness, allergic reactions/anaphylactic shock.
- 13 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.
- 14 Demonstrate knowledge of the incident command system, the medical branch, transportation, types of incidents and triage during a multi-casualty scene management.
- 15 Demonstrate knowledge of principles of extrication and disentanglement.

16 Demonstrate knowledge of patient care during transport, including care of pre-existing indwelling devices, performing CPR during transport, and helicopter safety.

17 Demonstrate knowledge of hazardous material at the first responder awareness level.

18 Demonstrate knowledge of use of the semi-automatic defibrillator and policies/procedures regarding EMT defibrillation.

19) Describe the key concepts and principles of National Incident Management System

20) Demonstrate the knowledge of the Roles and Responsibilities of an EMT in a Tactical Emergency.

### **Textbooks & Other Resources or Links**

#### **Option #1 Real Book**

- Student Textbook-REQUIRED - Emergency Care 14th Ed. Publisher-Pearson Education, Author Limmer O'Keefe (2021).

ISBN-13: 9780135379134

#### **Option #2 Pearson eText Emergency Care -- Instant Access**

ISBN-13: 9780136873242

- The LC Ready APP will be purchased by IVC. Students will receive an access code.

- American Heart Association Basic Life Support for Healthcare Providers Manual (2020) \*Manuals can be loaned by IVC. In classroom only

- American Heart Association-CPR Card \$5 Pay at the business office.

- I.D. Badge- \$5.00 required. Pay for badge at the business office

- Background check and drug screening = - \$100 – Mandatory

- Student must purchase Polo Shirts and Uniform Pants.

- Uniform pants- Navy Blue – Purchase at WALMART, or wherever

Uniform Shirt – Navy Blue with LOGO and your last name with the 1<sup>st</sup> initial. Purchase at Border Tactical in El Centro = 925 N Imperial Centro (760-353-9482)

- Students will wear the required uniform on all skills/simulation days. Purchase within 5 weeks of class

## Course Requirements and Instructional Methods

### Course Grading Based on Course Objectives

- Background/Drug/Immunization package. It must be completed by April 8th<sup>th</sup>. 2025

\*All students are going to do Ambulance/Fire Engine/Hospital Time. You 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.

\*EMT Students require 24 hours of patient experience. Students can receive 12 Hours live on the ambulance and hospital, only by completing the Background/Drug Packet. EMT students will do their 12 hours of hospital time at **ECRMC** after completing the background/immunizations, and an orientation. The class will be designated to only one hospital. **ECRMC**

\* All students will document at least 10 patient contacts whether they are real or simulated.

\* Clinical/Field Hours are Mandatory

***The EMT comprehensive final test must be passed with a score of 80% or higher.***

***Students have a second chance to take the written final if they get less than 80% the first time. The second chance score does not apply to their grade. A student who cannot achieve an 80% or higher after two 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

- **Mandatory exercise** will be an everyday part of your class participation points. Squats and Push-ups.

**Written Final** =300 points

**Midterm**=200 points

**LC Ready APP Exams** = 20 point after achieving an 80% or better on each of the 5 “Practice Exams” =100 points total.

**LC Ready APP Review Quizzes** =Twelve HW Quizzes in APP – 10 points each awarded after achieving an 80% or better on each of the “Review Quizzes” = 120 points total.

**EMT Homework** = There will be Multiple choice and essay homework for each set of Chapters. Each HW assignment is worth 40 points. The Homework is a combination of Multiple choice and short answer/essay questions = 40 Points Each (9

**Ambulance/Scenarios/ 10 Documented Patients** = 100 points. This is Mandated by the State of California and LEMSA. You will not pass the class unless you complete the background/drug/immunization and complete 24 hours of Clinical/Field Time with 10 Documented Patient Encounters.

**CPR Exam** = 50 points

**Chapter Tests = 100 Points Each (4)**

**Five CANVAS NREMT Exams** = 25 points each – 125 points

## Course Policies

*EMT -105 students will be on time to all Classes and after breaks*

*EMT 105 students will wear a tucked in uniform on all skills days. Approximately 12*

*You can only miss a total of 10.5 hours of class. No more than 2 full classes. Leaving early counts towards 10.5 hours. You will be dropped after excessive hours missed.*

*You must put away your Cell phones or computers during chapter lectures. They cannot be on your desks. Offenders will be dropped. If you must use your phone during class, you can retrieve it and use it in the hallway. Students who try to hide their phone use during class will be viewed as undesirable EMTs, and they will be dropped from the class.*

*\*\*Skills days may be difficult or impossible to recreate for the student.*

## Other Course Information

*Emergency Medical Services is a wonderful profession. It is a special service to help people when they are sick, injured, and scared. The patients and their families and friends are counting on you.*

*Upon completion of this course, you are eligible to take the National Registry of Emergency Medical Technicians (NREMT) Exam.*

*You will plan to take a computer exam at an NREMT (Pearson Vue) Testing centers.*

*Passing the NREMT exam means you are eligible to have an EMT license in any state in the United States.*

*Your instructor will go over this process in the final weeks of class*

*Best of Luck EMT 105.*

## IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

## Anticipated Class Schedule/Calendar

DATE:	Chapter/ Title	Requirements/Due Dates
8/13/25 Day 1	Introduction to Course Syllabus Schedule Course materials/Uniforms/Ride along Hours	<b>Holt</b>  <i>Begin work on background/TB/FLU</i>  <i>This is Key to your success in class</i>

8/15/25 Day 2	AHA. CPR Day 1 Mandatory Day	CPR BOOK Holt/Green/Talamantes/PE
8/20/25 Day 3	AHA CPR Day 2 Mandatory Day	CPR BOOK, Holt / Ochoa/Green + PE  AHA CPR Exam
8/22/25 Day 4	<b>EMS Operations/Preparatory</b> Cover Chapters 1-3 Emergency Care Textbook 14 <sup>th</sup> edition	<b>Study Chapters 1-6</b>  HW Ch. 1-6 in CANVAS Holt
8/27/25 Day 5	<b>Anatomy and Physiology</b> Cover Chapter 4-6 From Emergency Care <b>Review Chapters 1-6</b>	Holt
8/29/25 Day 6	<b>Chapter Test 1-6</b>  <b>Pathophysiology</b> Cover Chapters 7-8	<b>Holt</b> HW <b>7-10 Canvas</b> HW 1-6 is Due
9/3/25 Day 7	<b>Airway</b> Cover Chapters 9-10 Review Chapters 7-10	<b>Study Chapters 7-10</b> <b>Holt</b>

9/5/25 Day 8	<b>Skills day;</b> Airway, Lifting and Moving.	<b>Ochoa/Talamantes/Green/Castro</b> <b>Uniform/Skills Day</b>
9/10/25 Day 9	<b>Patient Assessment</b> Cover Chapters 11-14	<b>Holt</b>  <b>HW 11-17 in CANVAS</b> HW 7-10 is Due*
9/12/25 Day 10	<b>Patient Assessment</b> Cover Chapters 15-17  Review Chapters 11-17	<b>Holt</b>
9/17/25 Day 11	<b>Chapter Test 7-17</b>  <b>Medical Emergencies/Pharmacology</b>  Cover Chapters 18-20	<b>Holt</b>  <b>HW 18-22 in CANVAS</b>
9/19/25 Day 12	<b>Cardiology</b>  Cover Chapters 21-22  Review Chapters 18-22	<b>Holt</b>
9/24/25 Day 13	<b>Skills Day</b>  <b>Patient Assessment and Vitals</b> <b>Ambulance Simulator</b> <b>Pharmacology Skills</b>	<b>Ochoa/N Casteneda</b>  HW 11-17 Due* HW 18-22 Due*
9/26/25 Day 14	<b>Medical Emergencies</b>  Cover Chapter 23-25  Midterm Review	<b>Holt</b>  HW 23-29 in CANVAS

10/1/25 Day 15	<b>Medical Emergencies</b>  Cover Chapters 26-28	Suamataia
10/3/25 Day 16	<b>Skills Day</b>  <b>Live MIDTERM Ch 1-28</b> <b>Pharmacology Skills</b> <b>Epinephrine injection</b> <b>Naloxone Skill</b> <b>Glucometer skills</b>	Holt/Ochoa/Suamataia  HW 23-28 Due*
10/8/25 Day 17	Introduction to Clinical/Field *Do Not miss this day  <b>Introduction to Trauma</b>  <b>Cover Chapters 29-31</b>	Holt  HW 29-35 in CANVAS Clinical Field Packets are Due



10/10/25 Day 18	Trauma Skills Day Bleed Control/Shock Long Bone/Joint Immobilization Wound Management Spinal Motion Restriction Patient Assessment Trauma Traction Splint	Green Castro Suamataia PE
10/15/25 Day 19	Trauma Lectures Cover Chapters 32-35	Holt <div></div>
10/17/25 Day 20	Trauma Lectures Ch 32-35  and Trauma Scenarios	Holt
10/22/25 Day 21	Chapter Test 18-35  OB/Geriatrics  Ch 36 and 37	Holt HW 29-35 DUE* HW 36-41 in CANVAS
10/24/25 Day 22	EMS Operations  Cover Chapter 39 and 40	Castro
10/29/25 Day 23	Mass Casualty Incident Drill  Tactical EMS	Castro + 2 PE
10/31/25 Day 24	EMS Operations Cover Ch 38 and 41	Castro

11/5/25 Day 25	<b>Review NREMT Process and Exams</b>	Holt/Ochoa  *
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Day 26 11/7/25	<b>NREMT Register</b>	Holt
11/12/25 Day 27	<b>Chapter Test 36-41</b> OB Skill and Testing  CPAP Skill and Testing	Holt/Ochoa
11/14/25 Day 28	Vehicle Extrication Bleeding Control/Shock Management Skills Practice CPR AED Testing	Green/ Suamataia
11/19/25 Day 29	Practice All Skills	Ochoa /Suamataia
11/21/25 Day 30	NREMT Skills Final Day 1	<b>Talamantes/Green/Suamataia/+1 PE</b>
12/3/25 Day 31	NREMT Skills Final Day 2	<b>Ochoa/Green/Talamantes</b>
12/5/25 Day 32	Written Final Ch. 1- 41 Any student who does not get an 80% on the written final will have to take it again. You will receive an “F” in the course if you do not pass the second attempt	Holt  Skills Packets Due  Clinical/Field packets  10 Patient Documentation Due 5 LC Ready APP Tests Due

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12/7/25	Written Final Retake Only for those who received less than 80% on First attempt  Only Opportunity	Holt
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