

Basic Course Information

Semester	Winter 2022	Instructor's Name	Steven Holt
Course Title & #	EMTP 202 Trauma Emergencies	Instructor's Email	steve.holt@imperial.edu
CRN #	15103	Webpage (optional)	
Room	3204	Office (PT Faculty:809)	3207
Class Dates	01/03/22 - 2/3/22	Faculty Office Hours (n/a for PT Faculty)	Tues 0930-1030
Class Days	Monday and Thursday	Office Phone # (PT may use dept. number)	760 355 6183
Class Times	0800 -1645	Who students should contact if emergency or other absence:	Tricia Jones tricia.jones@imperial.edu 760-355-6483
Units 3.5 units			

Course Description

EMT 105

I. COURSE/CATALOG DESCRIPTION: EMTP202 - Trauma Emergencies - Paramedic



3.50 Credits
less...

This course is to prepare individuals to render prehospital advanced life support within an organized EMS system based on course content that is equivalent to the current U.S. Department of Transportation's National Education Standards for Paramedics. 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. This course teaches paramedic treatments and skills associated with the above core content. This program is accredited by the CAAHEP. (CSU). This course also features a 2 day PHTLS Course put on by the NAEMT.

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 complete a Prehospital Trauma Life Support Class by passing a Cognitive and Psycho motor examinations set forth by NAEMT (ILO 2, ILO 3)
- 2 Demonstrate the ability to assess and treat a trauma patient using a predetermined scenario and an NREMT skills check-off form. (ILO1)

- 3 Assess and treat trauma patients as measured by using observer evaluations during simulations. (ILO2, ILO3, ILO4)

Course Objectives

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

1. Demonstrate knowledge of, and be able to integrate pathophysiological principles and assessment findings, to form Demonstrate knowledge of indications, equipment needed, technique used, precautions, and general principles for skills covered in the trauma & medical modules, and be competent performing the skills on a practical exam.
2. Demonstrate knowledge of indications, equipment needed, technique used, precautions, and general principles for skills covered in the special considerations module, and be competent performing the skills on a practical exam.
3. Demonstrate by performance in simulations the integration of knowledge, skill acquisition, patient management, scene management, treatment, communication and documentation for all adult patient modules.
4. Demonstrate by performance in student simulations the integration of knowledge, skill acquisition, patient management, scene management, treatment, communication and documentation for all modules.
5. Demonstrate knowledge of safe use of medications used by paramedics in the field as measured by medication quizzes (knowledge) and practice in skills labs and simulations late a field impression and implement the treatment plan for the trauma & medical patient.

Textbooks & Other Resources or Links

- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.1*, 5th Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-457203-3.
- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.2*, 5th Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-456995-4
- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.3*, 5th Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-453873-0.
- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.4*, 5th Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-444974-6.
- Bledsoe, B. 2017. *Paramedic Care: Principles & Practices Vol.5*, 5th Ed., Upper Saddle River, NJ.: Pearson Education, ISBN: 0-13-444975-4
- PHTLS 8th or 9th edition

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 a 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.

Course Grading Based on Course Object

Paramedic Grading Scale:

93-100=A

86-92=B

80-85=C

Below 80%=F

AND

Pass Final with 80% or higher

Other Requirements:

Written Final =200 points

Homework = 50 points each (2)

Drug quizzes = 20 points each (6)

SIMS/FISDAP = **50 points**

Chapter Exams = 100 points each (2)

LC Ready APP EMT = 20 points (Achieve 80% or better on the Trauma)

PHTLS Exam = 50 points

Note: A passing score on all Drug quizzes, Division exams and Final exams is a minimum of 80%. Any drug quiz or Division exam that is not passing must be retaken by arrangement with the instructor. A minimum of 80% 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 a daily quiz score of 80%, and will be subject to being dropped 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. The Final Exam must be passed with an 80% on the first attempt. PHTLS must be completed to take the written final.

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 1 absence or 8 hours of class time.**
- **Mandatory Days:** PHTLS and the Final are a mandatory part of the course. 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

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-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

Anticipated Class Schedule / Calendar

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

Information on another adjunct faculty is available at your request.

Steve Holt, EMT-P, EMT-I Instructor

**Imperial Valley College - Paramedic Training Program
2016 - Class 24 Didactic Schedule – EMTP 210**

Date	Day	Rm	Time	Topic	Instructor	Assignments
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<p>01/03/22</p> <p>DAY 1</p>	<p>M</p>	<p>3204</p>	<p>0830-1730</p>	<p>Semester 2- : Trauma</p> <p>Volume 4 Chapter 1: Trauma and Trauma Systems</p> <ol style="list-style-type: none"> 1. Introduction to trauma and trauma care 2. Trauma 3. Trauma as a disease 4. Trauma care system 5. Trauma center designation <p>Volume 4Chapter 2: Mechanism of Injury</p> <ol style="list-style-type: none"> 1. Introduction to blunt trauma 2. Kinetics of impact 3. Biomechanics of trauma <p>Volume 4 Chapter 3 : Hemorrhage and Shock</p> <ol style="list-style-type: none"> 1.Stages of Shock 2. Signs and Symptoms of Shock 3. Treatment of Shock 	<p>Holt</p>	<p>IC POLICIES:</p> <p>MC HW CH 1-6 in CANVAS</p> <p>Study Morphine, Fentanyl</p>
<p>01/06/22</p> <p>DAY 2</p>		<p>3204</p>		<p>Volume 4 Chapter 4: Soft-Tissue Trauma</p> <ol style="list-style-type: none"> 1. Introduction to soft-tissue trauma 2. Anatomy of the soft tissues 3. Pathophysiology of soft-tissue injuries 4. Dressing and bandage materials 5. Assessment of soft-tissue injuries 6. Management of soft-tissue injuries <p>Volume 4 Chapter 5: Burn Trauma</p> <ol style="list-style-type: none"> 1. Introduction to burn trauma 2. Anatomy and physiology of the skin 3. Burn pathophysiology 4. Assessment of thermal burns 5. Management <p>Volume 4Chapter 6: Head,Neck,Spinal Trauma</p> <p>Assessment and Treatment of Head neck and Spinal Trauma</p>	<p>Holt</p>	
<p>01/10/22</p> <p>Day 3</p>		<p>3204</p>		<p>Quiz 1-6. Morphine and Fentanyl</p> <p>Volume 4 Chapter 7: Chest Trauma</p> <ol style="list-style-type: none"> 1. Introduction to Thoracic 2. Thoracic anatomy and physiology 3. Pathophysiology of thoracic trauma 4. Assessment of the chest injury patient 5. Management of the chest injury patient <p>Volume 4 Chapter 8: Abdominal and Pelvic Trauma</p>	<p>Holt</p>	<p>MC HW 1-6 is DUE</p> <p>MC HW 7-11 in CANVAS</p> <p>Study Acetaminophen and Toradol</p>

Imperial Valley College Course Syllabus – Course Title and number

01/13/22 DAY 4	Th	3204	0830-1730	<p><u>Volume 4 Chapter 9: Orthopedic Trauma</u></p> <p><u>Volume 4 Chapter 10 Environmental Trauma</u></p> <p>6. Volume 4 Chapter 11: Special Considerations in Trauma</p>	Holt	

Imperial Valley College Course Syllabus – Course Title and number

<p>01/20/22 DAY 5</p>		<p>3204</p>		<p>Quiz: 7-11. Acetaminophen and Toradol</p> <p>Skills Lab:</p> <ol style="list-style-type: none"> 1. Assessment of the trauma patient 2. Glasgow Coma Scale 3. BLS skills <ol style="list-style-type: none"> a. Traction splints b. KED c. Supine patient immobilization d. Standing patient immobilization e. Needle decompression of tension pneumothorax 4. Intubation of the trauma patient <ol style="list-style-type: none"> a. Cervical spine immobilization b. "Icepick" intubation in the entrapped patient 5. Control of hemorrhage and fluid resuscitation <p>Introduction to Simulations</p> <p>Discussion: Trauma Simulation Assignments Receive PHTLS Pretest Receive Simulation Assignments</p>	<p>Holt + 2 faculty</p>	<p>HW DUE 7-11</p> <p>FISDAP/SKILLS BOOKS</p> <p>Uniforms</p> <p>Simulation assignments</p>
<p>01/24/22 DAY 6</p>		<p>3204</p>		<p>Ondansetron AND TXA Quiz</p> <p>Trauma Simulations Day 1</p>	<p>Ochoa</p>	<p>FISDAP Tracking TEAM LEADER</p> <p>Uniforms</p>

Imperial Valley College Course Syllabus – Course Title and number

01/27/22 DAY 7		3204		PHTLS Day 1 Simulation assignments	Holt/Klatt/Ochoa	Uniforms
01/31/22 DAY 8		3204		PHTLS Day 2	Holt plus 2 faculty	
02/03/22 Day 9		3204		Written Final <u>Paramedic Trauma Simulations Day 2</u>	Holt/Ochoa	Uniforms