

Imperial Valley College Course Syllabus – Course Title and number

Basic Course Information

| | | | |
|------------------|---------------------------------|--|---|
| Semester | Spring 2022 | Instructor's Name | Steven Holt |
| Course Title & # | EMTP 204 Medical Emergencies | Instructor's Email | steve.holt@imperial.edu |
| CRN # | 21459 | Webpage (optional) | |
| Room | 3204 | Office (PT Faculty:809) | 3207 |
| Class Dates | 2/14/20 – 4/8/20 | Faculty Office Hours (n/a for PT Faculty) | Tues 1330-1630 Wed 1400-1430 Thurs 1630-1700 |
| Class Days | Monday and Thursday | Office Phone # (PT may use dept. number) | 760 355 6183 |
| Class Times | 0730 -1620 | Who students should contact if emergency or other absence: | Tricia Jones 760 355 6483 tricia.jones@imperial.edu |
| Units 3.5 units | | | |

Course Description

EMT 105

I. COURSE/CATALOG DESCRIPTION: EMTP204 Medical Emergencies - Paramedic



This course is the third phase of training 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. This course is designed to allow progression of the paramedic student in advanced didactic and skills training. This course will cover all aspects of medical emergencies, including: pulmonology, cardiology, neurology, endocrinology, allergy & anaphylaxis, gastroenterology, urology & nephrology, toxicology & substance abuse, hematology, environmental emergencies, infectious disease, assault, the challenged patient, and acute interventions for chronic-care patients. This program is accredited by the CAAHEP. (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: Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Demonstrate knowledge of medical emergencies: equipment needed, techniques used, precautions, and general principles for skills covered in the medical emergencies module, and be competent performing these skills on a practical exam. (ILO1, ILO2, ILO3)

1. Demonstrate knowledge of medical emergencies: equipment needed, techniques used, precautions, and general principles for skills covered in the medical emergencies module, and be competent performing these skills on a practical exam. (ILO1, ILO2, ILO3)

Course Objectives

1. Upon completion of this course, the student will be required to pass a written final exam with a minimum passing score of 80%, and pass all required skills, demonstrating a “competent” level.
2. Demonstrate knowledge of, and be able to integrate pathophysiological principles and assessment findings, to formulate a field impression and implement the treatment plan for the medical patient.
3. Demonstrate knowledge of indications, equipment needed, technique used, precautions, and general principles for ECGs covered in the medical module, and be competent performing the skills on a practical exam.
4. Demonstrate knowledge of, and be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for adult, and geriatric patients, diverse patients, and chronically ill patients.
5. 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.
6. Demonstrate by performance in adult mega-code simulations the integration of knowledge, skill acquisition, patient management, scene management, treatment, communication and documentation for all pediatric modules.
7. Demonstrate by performance in student simulations the integration of knowledge, skill acquisition, patient management, scene management, treatment, communication and documentation for all modules.

Textbooks & Other Resources or Links

- 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
- Beasley Understanding ECGs; A Practical Approach Fourth Edition or 5th Brady Publishing
- Beasley Understanding 12-Lead ECGs; 3rd or 4th 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 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 =300 points

ECG HW = 15 points each (3)

Simulations/FISDAP Skills Tracking documentation = 50 points

Scantron/Essay Homework = 50 points each (3)

Drug quizzes = 20 points each (Approximately 10)

Uniforms/Participation/ Skills/fisdap tracker = 50 points

Chapter Exams = 100 points each (3)

LC Ready APP EMT = 10 Points Each (3) Medical/Cardiology/Bonus ECG Interpretation

Note: A passing score on all Drug quizzes, Division exams and Final exams is a minimum of **80%**. Any drug quiz that is not passing must be retaken on the next scheduled class meeting or by arrangement with the instructor. A minimum of **80%** is required to pass any quiz or exam that has to be retaken. The original grade is entered in student grade record (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. Any student not meeting these requirements will receive an F grade in the course and will be dropped from the paramedic program.

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 absences or 10 hours of class time.** You will be on time to all scheduled classes. Repeat offenders will be dropped from the program
- **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

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

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

Imperial Valley College Course Syllabus – Course Title and number

Information on another adjunct faculty is available at your request.

Steve Holt, EMT-P, EMT-I Instructor

Imperial Valley College - Paramedic Training Program
2020 - Didactic Schedule – EMTP 204

| Date | Day | Rm | Time | Topic | Instructor | Assignments |
|-----------------------|-----|------|-----------------------|--|-----------------------------|---|
| 02/14/22 DAY 1 | | 3204 | 0730-1620 Everyday | Semester 3 MEDICAL Welcome Back/Syllabus Volume3 Chapter 1: Pulmonology | Holt | IC POLICIES: ECG BOOKS HW CH 1-2 in CANVAS ECG HW 1 |
| 02/17/22 DAY 2 | | 3204 | | Drug quiz: Epinephrine 1:1000 Volume 3 Chapter 2: Cardiology | Holt | : |
| 02/24/22 Day 3 | | 3204 | | Drug Quiz Aspirin and Nitroglycerin Volume 3 Chapter 2 Cardiology | Holt | |
| 02/28/22 DAY 4 | | 3204 | | Drug Quiz Epinephrine 1:10,000 Cardiology 1. Rhythm analysis and identification practice 2. Static rhythms 3. Dynamic rhythms 4. Review of respiratory & cardiac meds | Ochoa + 2 Pro experts | FISDAP/SKILLS BOOKS |

Imperial Valley College Course Syllabus – Course Title and number

| | | | | | | |
|-------------------|--|------|--|---|-----------|--|
| | | | | <p>Skills Lab:</p> <ol style="list-style-type: none"> 1. Vagal Maneuvers 2. Defibrillation & Synchronized Cardioversion 3. Transcutaneous Pacing <p>Dr. Corbett ECG Course</p> | | |
| 03/3/22 DAY 5 | | 3204 | | <p>Drug Quiz: Lidocaine and Adenosine</p> <p>Volume 3 Chapter 2: Cardiology</p> <p>ECG Review</p> | Holt | |
| 03/7/22 DAY 6 | | 3204 | | <p>Exam Chapter 1-2</p> <p>Volume 3 chapter 3: Neurology</p> | Holt | <p>HW 1-2 DUE ECG HW #1 Due</p> <p>HW 3-6 in CANVAS</p> <p>ECG HW #2 in CANVAS</p> |
| 3/10/22 DAY 7 | | 3204 | | <p>Quiz; Midazolam</p> <p>Volume 3 Chapter 4 Endocrinology</p> <p>Volume 3 Chapter 5: Immunology</p> <p>Volume 3 chapter 6: Gastroenterology</p> | Canizales | |
| 03/14/22 DAY 8 | | 3204 | | <p>QUIZ Dextrose 50%. Exam Ch. 3-6</p> <p>Volume 3 chapter 7: Urology and Nephrology</p> <p>Volume 3-chapter 8 Toxicology and Substance Abuse</p> | Canizales | <p>HW 3-6 DUE ECG HW #2 due MC HW 7-13 in CANVAS ECG HW #3 in CANVAS</p> |

Imperial Valley College Course Syllabus – Course Title and number

| | | | | | | |
|-----------------------|----|--------------------|--|---|------------|--|
| 3/17/22 DAY 9 | | 3204 | | Quiz Calcium Chloride Volume 3 chapter 9: Hematology Volume 3-chapter 10: Infectious Disease and Sepsis | Canizales | |
| 3/21/22 Day 10 | | 3204 | | Quiz Activated Charcoal <u>Volume Chapter 11 Psychiatric and Behavioral Disorders</u> <u>Volume 3 chapter 12 Diseases of the EENT</u> <u>Volume 3 chapter 13</u> <u>Student Presentations for Non Traumatic Musculoskeletal Injuries</u> | Canizales | LCReady APP Simulation Assignments |
| Day 11 3/24/22 | | 3204 | | Exam Ch. 7 -13 Quiz Medical Simulations Day 1 Review | Holt | MC HW 7-13 DUE ECG HW #3 Due |
| Day 12 3/28/22 | | 3204 | | Quiz Atropine Medical Simulations day 2 | Holt | Uniform |
| Day 13 3/31/22 | | 3204 | | Medical Simulations Day 3 | Ochoa | Uniform |
| 4/2/22 | Sa | ZOOM or 3204 | | Review for the Final | Holt | |
| 4/4/22 Day 14 | | 3204 | | Medical Simulations 4 | Holt/Ochoa | Uniform |
| Day 15 4/7/22 | | 3204 | | Written Final Discuss ACLS | Holt | LC Ready APP and fisdap tracker are complete |

