

Imperial Valley College Course Syllabus – Course Title and number

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**Basic Course Information**

Semester	Spring 2018	Instructor's Name	<b>Steven Holt</b>
Course Title & #	EMTP 204 Medical Emergencies	Instructor's Email	<a href="mailto:steve.holt@imperial.edu">steve.holt@imperial.edu</a>
CRN #	21185	Webpage (optional)	
Room	<b>3204</b>	Office (PT Faculty:809)	3207
Class Dates	2/12/18 – 4/9/17	Faculty Office Hours (n/a for PT Faculty)	Tues 1500-1630 Wed 1400-1430
Class Days	<b>Monday and Thursday</b> Saturday 3/30/18	Office Phone # (PT may use dept. number)	760 355 6183
Class Times	<b>0730 -1630</b>	Who students should contact if emergency or other absence:	Sara Wheat 760 355 6183 <a href="mailto:sara.wheat@imperial.edu">sara.wheat@imperial.edu</a>
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:

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 skills 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 neonatal, pediatric, 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 pediatric 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.1*, 5<sup>th</sup> Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-457203-3.
- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.2*, 5<sup>th</sup> Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-456995-4
- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.3*, 5<sup>th</sup> Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-453873-0.
- Bledsoe, B, 2017. *Paramedic Care: Principles & Practices Vol.4*, 5<sup>th</sup> Ed., Upper Saddle River, NJ. Pearson Education ISBN: 0-13-444974-6.
- Bledsoe, B. 2017. *Paramedic Care: Principles & Practices Vol.5*, 5<sup>th</sup> Ed., Upper Saddle River, NJ.: Pearson Education, ISBN: 0-13-444975-4
- ECG Book Atwood

### 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 Book HW – 20 points (Approx.5)

MC Homework = 40 points each

Drug quizzes = 20-45 points each (Approximately 10)

Uniforms/Participation/ Skills/fisdap tracker = **50 points**

**Chapter Exams = 100 points each (3)**

**LC Ready APP EMT = 40 points (Achieve 80% or better on the Medical exam AND show usage in the Medical Study section)**

**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 on the next scheduled class meeting or by arrangement with the instructor. A minimum of 85% 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 academic probation 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.

### 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 1.5 absences or 10 hours of class time.** 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

### 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](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**

**Information on another adjunct faculty is available at your request.**

**Steve Holt, EMT-P, EMT-I Instructor**

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

Date	Day	Rm	Time	Topic	Instructor	Assignments
02/12/18 DAY 1	M	3204	0730-1630 Everyday	<a href="#">Semester 3 MEDICAL</a> <a href="#">Welcome Back/Syllabus</a> <b>Volume3 Chapter 1: Pulmonology</b>	Holt	<b>IC POLICIES:</b>  <b>ECG BOOKS</b>  MC HW CH 1-2 in CANVAS
02/15/18 DAY 2	Th	3204	0830-1730	<b>Drug quiz: Albuterol and Epinephrine 1:1000</b>  <b>Volume 3 Chapter 2: Cardiology</b>	Holt	: ECG HW 1
02/20/18 Day 3	M	3204	0830-1730	<b>Drug Quiz Aspirin and Nitroglycerine</b> <b>Volume 3 Chapter 2 Cardiology</b>	Holt	ECG HW 1 DUE  ECG HW 2
02/22/18 DAY 4	Th	3204	0830-1730	<b>Drug Quiz Adenosine and Epinephrine 1:10,000</b>  <b>Volume 3-chapter 2 Cardiology</b>	Holt	ECG HW 2 Due ECG HW 3
02/26/18 DAY 5	M	3204	0830-1730	<b>Quiz: Lidocaine &amp; Dopamine</b>  <b>Cardiology</b>  1. Rhythm analysis and identification practice 2. Static rhythms 3. Dynamic rhythms 4. Review of respiratory & cardiac meds <b>Skills Lab:</b>  1. Vagal Maneuvers 2. Defibrillation & Synchronized Cardioversion 3. Transcutaneous Pacing	Holt +1	FISDAP/SKILLS BOOKS  ECG HW 3 Due

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				4. 12-lead EKG acquisition		
03/01/18 DAY 6	Th	3204	0900-1000	<p><b>Exam Chapter 1-2/ Verapamil Quiz</b></p> <p><b>Volume 3 chapter 3: Neurology</b></p>	Holt	<p>MC HW 1-2 DUE</p> <p>MC HW 3-6 in CANVAS</p>
3/5/18 DAY 7	M	3204	0830-1730	<p><a href="#">Quiz; Midazolam</a></p> <p><b>Volume 3 Chapter 4 Endocrinology</b></p> <p><b>Volume 3 Chapter 5: Immunology</b></p> <p><b>Volume 3 chapter 6: Gastroenterology</b></p>		
03/8/18 DAY 8	Th	3204	0830-1730	<p><b>QUIZ Dextrose 50%. Exam Ch. 3-6</b></p> <p><b>Volume 3 chapter 7: Urology and Nephrology</b></p> <p><b>Volume 3-chapter 8 Toxicology and Substance Abuse</b></p>	Holt	<p>HW 3-6 DUE</p> <p>MC HW 7-13 in Canvas</p>
3/12/18 DAY 9	T	3204	0830-1730	<p><b>Quiz Calcium Chloride</b></p> <p><b>Volume 3 chapter 9: Hematology</b></p> <p><b>Volume 3-chapter 10: Infectious Disease and Sepsis</b></p>	Holt	
3/15/18 Day 10	TH	3204		<p><b>Quiz Activated Charcoal</b></p> <p><a href="#">Volume Chapter 11 Psychiatric and Behavioral Disorders</a></p> <p><a href="#">Volume 3 chapter 12 Diseases of the EENT</a></p> <p><a href="#">Volume 3 chapter 13 Presentations</a></p>	Holt	LCTReady APP
	M	3204		<b>Exam Ch. 7 -13 Quiz Glucagon</b>		MC HW 7-13 DUE

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Day 11 3/19/18				<u>Review Medical Emergencies</u> <u>Review ECG and Medications</u>		Simulation Assignments
Day 12 3/22/18	Th	3204		<u>Quiz Atropine</u> <u>Medical Simulations Day 1</u>		Uniform
Day 13 3/26/18	M	3204		<u>Medical Simulations Day 2</u>		Uniform
Day 14 3/29/18	Th	3204		<u>Medical Director Visits</u> <u>12 lead ECG Course</u>		Uniform
4/7/18 Day 15	Sa	3204		<u>Medical Simulations and Review for the Final</u> <u>Skills Practice</u>		Uniform
Day 16 4/9/18	M	3204		<u>Written Final</u> <u>Discuss ACLS</u>		LC Ready APP and fisdap tracker are complete