

Imperial Valley College Course Syllabus – Course Title and number

Basic Course Information

Semester	Fall 2019	Instructor's Name	Steven Holt
Course Title & #	EMTP 200	Instructor's Email	steve.holt@imperial.edu
CRN #	11509	Webpage (optional)	
Room	3204	Office (PT Faculty:809)	3207
Class Dates	8//19/19 - 12/12/19	Faculty Office Hours (n/a for PT Faculty)	Monday 0730-0830 Tuesday 1500-1630 Wednesday 1400-1430 Thursday 1545-1645
Class Days	Monday and Thursday	Office Phone # (PT may use dept. number)	760 355 6183
Class Times	0830-1530 Lunch 1200-1300	Who students should contact if emergency or other absence:	Tricia Jones 760 355 6183 tricia.jones@imperial.edu

Course Description

EMT 105

I. COURSE/CATALOG DESCRIPTION: EMTP200 Introduction to Paramedic Care



Lecture Hrs. 144

Lab Hrs. 54

The certificate program prepares the student for licensure as a Paramedic .Including, but not limited to, caring for the sick and injured at the scene of an emergency and/or during transport to a healthcare facility. Acceptance into the program requires successful completion of the application process, high school diploma, GED, approval by the EMS Program Director, EMS Medical Director. All candidates must provide an EMT License with at least one (1) year experience, current American Heart Association BLS/CPR certification, and for the applicant to be at least 18 years of age prior to any clinical experience.

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. Perform in the role of Basic Life Support Instructor according to the guidelines of the American Heart Association. (IL01, IL05)
2. Demonstrate the assessment and management of spectrum of airway management situations and the understanding the consequences of unmanaged airway problems (IL01, IL02, IL03, IL04, IL05)
3. Demonstrate the ability to perform a comprehensive verbal and physical exam, and communicate the findings, using a radio and interpersonal Communication. (IL01, IL02, IL03, IL05)
4. Demonstrate the ability to identify and utilize equipment in a patient physical exam. (IL02, IL03)

Course Objectives

1. Demonstrate knowledge of the roles and responsibilities of a Paramedic within an EMS system, apply the basic concepts of development, pathophysiology and pharmacology to assessment and management of emergency patients, be able to properly administer medications,
2. Demonstrate the Ability to Perform as a competent American Heart Association BLS Instructor
3. Demonstrate knowledge of how to properly establish and/or maintain a patent airway, oxygenate, and ventilate a patient.
4. Demonstrate knowledge of how to take a proper history and perform a comprehensive physical exam on any patient, and communicate the findings to other.
5. Demonstrate knowledge of how to integrate pathophysiological principles and assessment findings to formulate a field impression
6. Demonstrate competence in Paramedic Pharmacology including; Basic Drug information, uses in the field setting, and proficiency in Psychomotor Skills
7. Demonstrate competence in EMS Communications including; Radio Reports, Written Reports, and interpersonal Communication

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
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- PHTLS 2017 Student Manual Eighth Ed -IVC
 - AHA CPR Instructor Manual –IVC
 - AHA ACLS Student Manual -IVC
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- PALS 2016 Student manual - IVC
 - *Beasley; Understanding 12- lead ECG Workbook (3rd or 4th Ed.)*
 - *Beasley Understanding ECG Workbook (3rd or 4th Ed.)*
 - *FISDAP Skills Tracker*
 - *LC Ready APP-IVC*
 - *It is strongly recommended to bring your laptop/device to class*

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 Physical, Background Check, Drug Test, TB, FLU Shot, Hepatitis B, and other standard immunization records. Students do have the right to decline certain immunizations (Hep B, Flu). Students choosing to decline any required immunization must sign a "Declination Form." Declining an immunization may also limit certain in hospital experiences and procedures

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

Scranton Homework = 30-50 points each

Drug quizzes = 20-45 points each (Approximately 3)

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

Chapter Exams = 100 points each (3)

LC Ready APP Assignments = 25 Points each (Approximately 4)

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 score will enter the student grade record (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 retake exams will be completed prior to the final exam for this course. 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 13 Hours of Absence for the entire semester**
- **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

Information on another adjunct faculty is available at your request.

Steve Holt, EMT-P, EMT-I Instructor

EMTP-200 Schedule

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Day 3				<ol style="list-style-type: none"> 2. Types of research 3. Experimental design 4. Ethical consideration in human research 5. An overview of statistics 6. Format of a research paper 7. How a research paper is published 8. Assessing scientific literature 9. What to look at when reviewing a study 10. Applying study results to your practice 11. Participating in research 12. Evidence-based decision making <p><u>Volume 1 Chapter 6: Public Health</u></p> <ol style="list-style-type: none"> 1. Basic principles of public health 2. Accomplishments in public health 3. Public health laws 4. Epidemiology 5. Prevention in the community 		<p>HW V1 Ch 5-8 due 9/5/19</p> <p>Read V1 Ch. 5-8</p>
8/29/19 Day 4	Th	32 04	0830- 1200	<p><u>Volume 1 Chapter 7: Medical-Legal Aspects of Prehospital Care</u></p> <ol style="list-style-type: none"> 1. Legal duties and ethical responsibilities 2. Legal accountability of the paramedic 3. Paramedic-patient relationships 4. Resuscitation issues 5. Crime and accident scenes 6. Duty to report 7. Documentation 8. Employment laws <p><u>Volume 1 Chapter 8: Ethics in Paramedicine</u></p> <ol style="list-style-type: none"> 1. Overview of Ethics 2. Ethical issues in contemporary paramedic practice 	Holt	<p>HW 5-8</p> <p>Read Ch. 5-8</p>
9/5/19 Day 5	Th	32 04	0830- 1200	<p>Quiz: Chapters 5-8</p> <p><u>Volume 1 Chapter 9: EMS System Communication</u></p> <ol style="list-style-type: none"> 1. Effective communications 2. Basic communication model 3. Verbal communication 4. Written communication 5. The importance of communication in EMS response 6. Information and communication technology 7. Public safety communication system planning and funding 8. Public safety communications regulation <p><u>Vol 1 Chapter 10: Documentation</u></p> <ol style="list-style-type: none"> 1. Uses for documentation 2. General considerations 	Holt	<p>HW 5-8 due</p> <p>HW 9-11 Due 9/12/19</p>

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			1300-1535	<ol style="list-style-type: none"> 3. Elements of good documentation 4. Narrative writing 5. Consequences of inappropriate documentation 6. Electronic patient care record 		
9/9/19 Day 6	M	32 04	0830-1200 1300-1535	Vol 1 Chapter 11: Human Life Span Development <ol style="list-style-type: none"> 1. Infancy 2. Toddler & Preschool age 3. School age 4. Adolescence 5. Early adulthood 6. Middle adulthood 7. Late adulthood 8. Radio/Documentation Practice Review for Division 1 exam	Holt	
9/12/19 Day 7	Th	32 04	0830-1200 1300-1635	<u>Division Exam 1 (Ch. 1-11)</u> <u>Volume 1 Chapter 12: Pathophysiology</u> Part 1: Disease Part2: Disease at the chemical level	Crankshaw1	HW 9-11 due HW Ch 12 Parts 1-6 due 9/23/19
9/16/19 Day 8	M	32 04	0830-1200 1300-1535	<u>Volume 1 Chapter 12: Pathophysiology</u> Part 3: Disease at the cellular level Part 4: Disease at the tissue level	Crankshaw 2	HW/Read
9/19/19 Day 9	Th	32 04	0830-1200 1300-1535	<u>Volume 1 Chapter 12: Pathophysiology</u> Part 5: Disease at the organ level Part 6: The Body's defense against Disease and Injury	Crankshaw3	HW/Read
9/23/19 Day 10	M	32 04	0830-1200 1300-1535	Quiz Chapter 12: parts 1-6 Volume 1 chapter 13: Pharmacology Part 1: Basic Pharmacology Part 2: Drug classifications	Holt	HW Ch 12 Parts 1-6 Due HW Chapter 1-2 Due 9/30/19
9/26/19	Th	32 04	0830-1200	Volume 1 Chapter 13: Pharmacology:	Holt	

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Day 11			1300-1535	Part 2: Drug Classifications (Continued)		HW/Read
9/30/19 Day 12	M	32 04	0830-1200 1300-1535	<p>Quiz: Volume 1 Chapter 13: Parts 1-2 Drug QUIZ Glucagon</p> <p>Volume 1 Chapter 14: Intravenous Access and Medication Administration</p> <p>Part 1: Principals and Routes of Medication Administration</p>	Holt	<p>HW Ch 13 Parts 1-2 Due</p> <p>HW Ch 14: Parts 1-3 Due 10/14/19</p> <p>IC POLICIES</p>
10/3/19 Day 13	Th	32 04	0830-1200 1300-1535	<p>Volume 1 Chapter 14</p> <p>Part 2: Intravenous Access, Blood Sampling, and Intraosseous Infusion</p>	Holt	<p>HW/Read</p> <p>IC POLICY 9300 Pediatric drug guide</p>
10/7/19 Day 14	M	32 04	0830-1200 1300-1535	<p>Volume 1 Chapter 14: IV Access and Medication Administration Part 3</p> <p>Medical Mathematics</p> <ol style="list-style-type: none"> 1. Metric system 2. Medical calculations <ol style="list-style-type: none"> a. Calculating doses for oral medications b. Calculating doses for parenteral medications c. Calculating weight dependent dosages d. Calculating infusion rates 3. Practice Mathematics Quiz <p>Calculating dosages and drip rates for infants and children</p>	York	HW/ Read
10/10/19 Day 15	Th	32 04	0830-1200 1300-1535	<p>SKILLS Lab: Medication Administration</p> <ol style="list-style-type: none"> 1. Oral Route 2. Intranasal Administration 3. Intramuscular and subcutaneous injections 4. IV Practice on mannequins 5. IV practice Partners (Maniacal Laugh) 6. Intraosseous infusion 	Ochoa 2 & 2 faculty	Skills books
10/14/19	M	32 04	0830-1200	<p>Quiz Ch 14: parts 1-3 DRUG TEST - Normal Saline</p>	Holt	MC HW Ch. 14 parts 1-3 Due

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Day 16			1300-1535	<p>Volume 1 Chapter15: Airway Management and Ventilation Part 1: Respiratory Anatomy, Physiology & Assessment</p> <ol style="list-style-type: none"> 1. Anatomy of the respiratory system 2. Physiology of the respiratory system 3. Respiratory problems 4. Respiratory system assessment 		HW Chapter 15 Part 1-2 Due 10/21
10/17/19 Day 17	Th	3200	0830-1200 1300-1535	<p>Volume 1 Chapter 15: Airway Management and Ventilation Part 2: Basic Airway Management & Ventilation</p> <ol style="list-style-type: none"> 1. Proper positioning 2. Manual airway maneuvers 3. Basic airway adjuncts 4. Ventilation 5. Administration of oxygen 6. Monitoring pulse oximetry <p>Skills check offs for BLS Airway Management</p> <ol style="list-style-type: none"> 1. Opening an airway 2. BVM ventilation Adult, Child & Infant 3. OPA selection and insertion 4. NPA selection and insertion 5. BLS FBAO clearance Adult, Child & Infant 	Holt	IC POLICIES: HW/Read
10/21/19 Day 18	M	3204	0835-1200 1300-1535	<p>Quiz V1 Chapter 15 Part 1-2</p> <p>Volume 1 Chapter 15: Airway Management and Ventilation Part 3: Advanced Airway Management & Ventilation</p> <ol style="list-style-type: none"> 1. Supraglottic airways 2. Endotracheal Intubation 3. Blind nasotracheal intubation 4. Digital intubation 5. Special intubation considerations 6. Cricothyrotomy 7. Medication assisted intubation 8. The difficult airway 	Holt	HW Ch 15 Part 1-2 Due HW Ch 15- Parts 3-4 Due 10/31/19
10/24/19 Day 19	Th	3204	0830-1200	<p>Volume 1 Chapter 15 Part 4: Additional Airway and Ventilation Issues</p> <ol style="list-style-type: none"> 9. Managing patients with stomas 10. Suctioning 11. Gastric distension and decompression 12. Transport ventilators 	S Holt C Holt	HW/ Read

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			1300-1535	13. CPAP Continuous Positive Airway Pressure Skills Lab		
10/28/19 Day 20	M	3200	0830-1200 1300-1535	Skills Lab: Advanced Airway Management <ol style="list-style-type: none"> Supraglottic airways (King Airways & ComBitube) Oral Endotracheal Intubation Managing patients with stomas Suctioning Gastric distension and decompression Continuous Positive Airway Pressure (CPAP) 	Ochoa 2 Faculty	
10/31/19 Day 21	Th	3204		Quiz: V1 Chapter 15 parts 3-4. Drug Quiz Albuterol Additional Skills Lab: <ol style="list-style-type: none"> IV, IO, IM, and IN Practice Additional Airway Skills Practice Peer Evaluations and Knowledge Sharing Review for Division 2 Exam – Jeopardy Game and Quiz Review	Ochoa	HW Ch 15 Parts 3-4 Due Study
11/4/19 Day 22	M	3204	0830-1200 1300-1535	Division 2 Exam <u>Volume 2: Patient Assessment</u> <u>Ch 1: Scene Size-Up</u> <u>Ch 2 : Primary Assessment</u>	Holt	V2 Ch 1-4 Due 11/14/19
11/7/19 Day 23	Th	3204	0830-1200 1300-1535	<u>Volume 2: Pt Assessment</u> <u>Ch 3: Therapeutic Communications</u> <u>Ch 4: History Taking</u>	Holt	HW/Read
11/14/19 Day 24	Th	3204	0830-1200 1300-1535	Quiz: V2 Ch. 1-4 <u>Ch 5: Secondary Assessment</u>	Holt	HW V2 ch1-4 Due HW V2 5-7 Due 11/21/19
Day 25 11/18/19	M	3204	0830-1200 1300-1535	<u>Chapter 6: Patient Monitoring Technology</u> <u>Chapter 7: Patient Assessment in the Field</u>	Holt	
Day 26 11/21/19	Th	3204	0830-1200 1300-1535	Quiz V2 Ch 5-7 <u>Skills Lab: Patient Assessment Skills</u> <u>Review for Division Exam 3</u>	Holt	V2 5-7 HW Due

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Day 28 12/2/19	M	32 04	0830-1200 1300-1535	<u>Division Exam 3</u> <u>AHA BLS Instructor Day 1</u>	Holt York	BLS Instructor Books and Materials
Day 29 12/5/19	Th	32 04	0830-1200 1300-1535	<u>AHA BLS Instructor Day 2</u> <u>Student Presentations</u>	Holt Ochoa	BLS Instructor Books and Materials
Day 30 12/9/19	M	32 04	0830-1200 1300-1535	<u>Semester Review</u> <u>Review for EMTP 200 Final</u>	Holt	LC Ready APP Assignments Due
Day 31 12/12/19	Th	32 04	0830-1200 1300-1535	<u>EMTP 200 Final</u>	Holt	

Last day of Semester

Congratulations to those who have made it this far...