IMPERIAL VALLEY COLLEGE

Basic Course Information

Semester:	**Fall 2023**	Instructor Name:	**Sal Flores**
Course Title & #:	**Fire 140**	Email:	**Sal.flores@imperial.edu**
CRN #:	**10426**	Webpage (optional):	
Classroom:	**3204**	Office #:	**1 (760) 427-0012**
Class Dates:	**08/14/2023-12/15/2023**	Office Hours:	**Same**
Class Days:	**Tuesdays, Wed, Thurs**	Office Phone #:	**Same**
Class Times:	Thursday 5:15 to 10:45 pm Friday 5:15 to 10:45 pm Saturday 2pm- 5pm	Emergency Contact:	**Sal.flores@imperial.edu 760-427-0012 or tricia.jones@imperial.edu 760-355-6183**
Units:	9.5	Class Format:	Face-to-Face

Course Description

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Fire-First Responders encompasses the disciplines of EMT, IS100, 200 ,& IS700, 800. This course is designed for individuals who will come in contact with victims of illness or injury primarily in an emergency, pre-hospital environment. This course is of value to all emergency service personnel, including ambulance personnel, law enforcement personnel, fire services personnel, hospital emergency department personnel, and other rescue personnel. Topics include roles and responsibilities of first responders, as well as 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 will be included. IS 100- Introduction to the Incident Command System introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS). IS 700- This course introduces and overviews the National Incident Management System (NIMS). NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents. Additional materials fee applies. (Nontransferable, AA/AS Degree only)

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

Successfully pass an agility exam, entry exam and interview to be allowed into the program.

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 application of a splint in proper sequence and using standard precautions. (ILO 2, ILO 3)
2. Demonstrate the ability to use critical thinking skills to assess and treat patients in emergency settings. (ILO1, ILO2, ILO5)
3. Demonstrate the use of federal and state laws in relation to on scene emergencies. (ILO1)
4. Demonstrate the ability to describe the history, features and principles, and organizational structure of the Incident Command System. (ILO2)
5. Demonstrate the ability to describe the purpose of the NIMS Components including: Preparedness, Communications and Information Management, Resource Management, and Command and Management (ILO2)

Textbooks & Other Resources or Links

- *Student Textbook-REQUIRED* – **9780135379134**
- Emergency Care 14th Ed. Publisher-Pearson Education, Author Limmer O'Keefe (2014).
- *No Emergency Care workbook required – A mandatory testing website/APP will be purchased by each student. The website/APP will be disclosed on the first day of class. Approximately $15*
- *Student Workbook* – IS 100 & IS 700 Handout (will be provided by Chief Flores).
- American Heart Association-CPR Card. *Replacement cards are $10.00.*
- CPR mask $17.00 and American Heart Association Basic Life Support for Healthcare Providers book $22.Must purchase both prior to taking the CPR portion of the
- **I.D**. **Badge**- **$5.00** required. It is not the same as the student I.D. Instructor will notify you when it's time.
- **Background check and drug screening = ~$ 83 -$100**
- The student is required to wear the items below to class. Please purchase when given notice. The student irresponsible to purchase their uniform by the date given in the schedule. Failure to do so will result in failure of the course.
- **Fire First Responders** will wear the required uniform on **all** days, including skills/simulation days

Imperial Valley College Course Syllabus

Course Requirements and Instructional Methods

Assignments

Students will complete the following assignment activities. When completing your written assignments in either Microsoft Word or rich text format (using Times New Roman size 12 font ONLY) – not Word Perfect, use APA CITED textbook concepts to analyze the disaster response issues. If you just complete the assignments in broad terms without applying text concepts using APA citations, your grade will be significantly lower. While older sources are fine, students must include the required number of citations from the textbook and more current sources.

APA Citations: APA citations are required for assignments. Please ensure you're familiar with the process for correctly citing sources in your course submissions.

I strongly recommend students review a grammar/writing guide prior to submitting assignments. My goal is assignments will be reviewed and grades posted within 24 hours of their submission. Assignments submitted late will have a 10 % penalty assessed for each week late. Cover, reference, appendix, and table pages DO NOT count

towards the page length requirements. There is NO extra credit or makeup assignments offered in the course, so every assignment contributes to students' final course grades. Assignments MUST be posted to the CANVAS site and do NOT get course messaged to me. I do not want a "backup" copy sent to me. Use CANVAS only – thanks!

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

What if I need to borrow technology or access to WIFI?

1. To request a loaner laptop, MYFI device, or other electronic device, please submit your request here: https://imperial.edu/students/student-equity-and-achievement/

2. If you'd like access the WIFI at the IVC campus, you can park in parking lots "I & J". Students must log into the IVC student WIFI by using their IVC email and password. The parking lots will be open Monday through Friday from 8:00 am to 7:00 pm.

     Guidelines for using parking WIFI:
      -Park in every other space (empty space BETWEEN vehicles)

     -Must have facemask available

     -For best reception park near buildings

     -Only park at marked student spaces

     -Only owners of a valid disabled placard may use disabled parking spaces

     -Only members of the same household in each vehicle

     -Occupants **MUST** remain in vehicles

     -Restrooms and other on-campus services not available

     -College campus safety will monitor the parking lot

     -Student code of conduct and all other parking guidelines are in effect

     -Please do not leave any trash behind

     -No parking permit required
           If you have any questions about using parking WIFI, please call Student Affairs at 760- 355-6455.

This course is taught at a professional level for students seeking a career in firefighting. 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.

Additional mandatory hours. All students are required to do 24 hours of Clinical/Field hours and to assess and document a total of 5 patients. Any student who does not do the required hours, or fails to assess/document 5 patients will receive an "F" for the entire class.

Clinical Hours: TBA
Field Hours: Twelve hours –scheduled- Fire Ride Along

Attendance Policy

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online course 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. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and 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.

Online Course Policies

- N/A

Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting 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 "cite a source" correctly, you must ask for help.

- <u>Cheating</u> is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing 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 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) using a commercial term paper service.

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.

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- Canvas-https://www.imperial.edu/courses-and-programs/distance-education/for-students/canvas/
- **Learning Services**. There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your Campus Map for the Math Lab; Reading, Writing & Language Labs; and the Study Skills Center.
- **Library Services**. There is more to our library than just books. You have access to tutors in the Study Skills Center, study rooms for small groups, and online access to a wealth of resources.

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. Demonstrate knowledge of CPR, foreign body airway management, airway management, oxygen administration, and KING airway management.
4. Demonstrate knowledge of the role of the ALS provider, the local ALS unit and equipment, assisting the ALS provider, ALS communications equipment and how to communicate effectively with ALS providers.

5. Demonstrate knowledge of scene assessment, patient history, primary and secondary survey, neurological exam and accurate measurement of vital signs.
6. Demonstrate knowledge of body substance isolation, methods of disease transmission, immune system responses, and the chain of transmission.
7. 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.
8. Demonstrate knowledge of cardiovascular, respiratory, non-traumatic abdominal, neurological, and diabetic emergencies.
9. Demonstrate knowledge of physiological changes during pregnancy, complications of pregnancy, stages of labor and delivery, normal childbirth, and resuscitation of the newborn. 10 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.
10. Demonstrate knowledge of electrical emergencies, heat and cold emergencies, poisonings, water- related emergencies, bites, stings, envenomation, altitude sickness, allergic reactions/anaphylactic shock.
11. 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.
12. Demonstrate knowledge of the incident command system, the medical branch, transportation, types of incidents and triage during a multi-casualty scene management.
13. Imperial Valley College Course Syllabus – Course Title and number
14. Demonstrate knowledge of principles of extrication and disentanglement.
15. Demonstrate knowledge of patient care during transport, including care of pre-existing indwelling devices, performing CPR during transport, and helicopter safety.
16. Demonstrate knowledge of hazardous material at the first responder awareness level. 17 Demonstrate knowledge of local policies and procedures.
17. Demonstrate knowledge of use of the semi-automatic defibrillator and policies/procedures regarding EMT defibrillation.
18. Demonstrate knowledge of patient care in class, hospital, clinical, and/or field setting. 20 Describe the key concepts and principles underlying NIMS.
19. Demonstrate all the components of the incident command system and how they integrate emergency and nonemergency incidents.

Course Grading Based on Course Objectives

The student must meet requirements of the: National Registry of Emergency Medical Technicians, California EMS Authority, Imperial County EMS Agency, American Heart Association, **AND** the Office of the State Fire Marshall. Grading for the different sections of this course may vary slightly please read carefully. Ultimately, the EMT comprehensive final test **must** be passed with a score of 80% or higher **AND** the FIRE comprehensive final test that **must** be passed with a score of _80% or higher in order to pass the course.

Again, **BOTH** finals must be successfully passed at the cut score **AND** remaining sections of the course must have a final grade of C or higher to successfully pass this course.

FIRE Grading Scale 93-100	A	93-100	A
85-92	B	85-92	B
77-84	C	77-84	C
Below 77	F	Below 77	F

Pass Final with 80%

Course Grading Based on Course Objectives

This is required by the State of California and reflects the National standard. Students are allowed one retake of the written final; however, the first score will be the only one applied to your grade. Any students not receiving an 80% on either attempt will receive an "F "for the entire course. **Other Requirements:**

•Students must take all scheduled written and practical examinations. It is up to you to periodically check the student schedule. There are no makeups to an exam.

O Examinations will be based on information presented in the lecture, from the text, book, and skills presentations.

•Students must pass all section examinations with a minimum of **77**% proficiency.

•The **CPR examination** must be passed with a minimum of **84**% proficiency (AHA). Students who cannot pass the CPR exam will be dropped from the class

Grading

Final =80%.

Skills Final = Pass or Fail students who do not pass skills do not pass the course.

Clinical/Field hours = 100 points. Must assess and document 5 patients' contacts.

CPR = Pass / Fail

L.C. Ready APP = Must achieve an 80% or better on all 5 Practice Tests in the APP

Hospital Orientation = NA.

IS-100, 200 and IS-700, 800 = 200 Points. Fifty points per assignment (4).