

Basic Course Information

Semester:	Spring Semester 2025	Instructor Name:	Hector M. Figueroa, MM
Course Title & #:	BC-015 (Hazmat Class) GISO CAL/OSHA-10 HR Card	Email:	Hector.figueroa@imperial.edu
CRN #:	21094	Webpage (optional):	https://www.imperial.edu/
Classroom:	Bldg. #3200 - Room #3212	Office #:	Bldg. #3200, Rm #3212
Class Dates:	April 07, 2025 – June 06, 2025	Office Hours:	5:30pm PT Faculty Trailer
Class Days:	Monday	Office Phone #:	Email me via Canvas email (inbox)
Class Times:	6:00pm-8:50pm	Emergency Contact:	Tisha Nelson Tel. 760-355-6361
Units:	1 Unit	Class Format:	In-Person

Course Description

This course will provide the student with essential instruction and learning allowing them to develop and master knowledge and skills associated with safety and health recognition and prevention, with a strong emphasis in hazardous materials management at industrial worksites. This course provides student the opportunity to earn the General Industry Cal/OSHA 10 Hour card, aside from IVC college credit.

Topics include:

- Introduction to OSHA, Walking and Working Surfaces, Fall Prevention, Exit Routes, Emergency Action Plan and Fire Prevention, Electrical General Requirements, Personal Protective Equipment, Hazard Communication, Hazardous Materials, Hazwoper, Emergency Action Plan, Accident Prevention Signs and Tags, DOT Placarding, Material Handling and Storage, Introduction to Industrial Hygiene, Respiratory Protection Program, and Hearing Conservation Program.

Cal/OSHA card processing fee will apply. (Non- transferrable, certificate program, AA/AS degree only).

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

None. This class is an introductory course to safety, safety process and standards. No previous knowledge in safety is required to take this class, everyone is welcome.

Anyone wanting to learn about Safety in general is welcome to take this course, regardless of your major.

Student Learning Outcomes

This course is intended to provide students general knowledge in the Cal/OSHA General Industry Safety Standards, with an emphasis in hazardous materials management. Students will learn.

1. Identify and perform: hazard analysis and identification, avoidance, control and prevention; acceptable safety practices; proper selection and use of personal protective equipment; and hazardous material management.

Course Objectives

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

1. Demonstrate an understanding of the Occupational Safety and Health (Cal/OSHA) standards as they apply to General Industry (and Electrical Safety Orders).
2. Reference the OSHA standards and determine the requirements for compliance within a prescribed situation.
3. Analyze job site hazards and identify acceptable mitigation measures.
4. Complete an acceptable incident report and reference OSHA subpart and section.

5. Demonstrate and understanding of OSHA Inspections, citations and penalties.
6. List Personal Protective Equipment (PPE) and list limitations of PPE item, when handling hazardous materials.
7. List and discuss the application of the Job Hazard Analysis model, prevention of injury and illness.

Textbooks & Other Resources or Links

- Cal/OSHA General Industry & Electrical Safety Orders June 2024 Edition SKU: 60R-001-23
- Cal/OSHA Construction & Electrical Safety Orders June 2024 Edition SKU: 60CC-001-22
- Industry-related Websites OSHA, Cal/OSHA, ANSI, ESTM, NIOSH, ACGIH, EPA, Dig Alert (811), others...
 - <https://www.dir.ca.gov/dosh/>
 - <https://www.osha.gov/>
 - <https://www.epa.gov/>

Course Requirements and Instructional Methods

Required Information—discretionary language, the classroom setting is set for;

- Course material on CanvasHUB
- Industry Related websites (OSHA, Cal/OSHA, EPA, NIOSH, ACGIH, Dig-Alert, ASTM, ANSI, etc.).
- Audio/Visual
- Demonstration and hands-on
- Discussion
- Group Activity
- Individual Assistance
- Lecture
- Simulation/Case Study/Workshop

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.

You will use Canvas in this class. Canvas will be our SharePoint site/central HUB for this class. I will place all class material in Canvas, HW is submitted through Canvas and Quizzes and Exams will be done on Canvas.

Course Grading Based on Course Objectives

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|--|------------|
| • Homework assignments, five (5) total = (62% of total grade). | 62% |
| • Final Exam on Week #6 of class, via Canvas = (32% of total grade). | 32% |
| • Punctuality, Attendance and In-class Participation are also part of your final grade = (6% of total grade). | +6% |
| • Two (2) unexcused absences may get you dropped from class. | 100 |



Students must meet OSHA requirements to earn the Cal OSHA card **(You must earn a C or better in class and you must attend all mandatory and mandatory elective topic to earn the 10-hour Cal OSHA General Industry card).**

- You must do good in all three areas listed above to pass this class *1.) Homework assignments, 2.) Final exam, 3.) Attendance, punctuality, and in-class participation.*

Course Policies

Classroom Etiquette and Discretionary language

- **Electronic Devices:** Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor. **No electronic devices use in class, no Cell phones use in class! No Computer/tablet use in Class! No earpieces (ex. Air Pods use in class).**
- **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. Campus Security - (760)483-7411.**
- **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. **The use of A.I is not permitted in this class.**

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, use of a commercial term paper service.

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 re-admission 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 **(2 unexcused absences may get you dropped from this class).**
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.



Other Course Information

- **CANVAS LMS:** Canvas is Imperial Valley College's main Learning Management System. To log onto Canvas, use the link: Canvas Student Login. The Canvas Student Guides Site provides a variety of support available to students 24 hours per day. **Additionally, a 24/7 Canvas Support Hotline is available for students to use: (877) 893-9853.**
- You may consult your college map for the **Reading and Writing Lab, Study Skills Center and/or Library**
- **Library Services:** As you know 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.

IVC Student Resources

Disabled Student Programs and Services (DSPS)

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.

Physical Conditions: Notify the instructor if you have any physical conditions which could possibly affect your safety or health in the performance of the course class/laboratory assignments. Adjustments to your assignments, if necessary, will be made.

Student Counseling and Health Services

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

Course Schedule ****subject to change without prior notice****

Date or Week	Activity, Assignment, and/or Topic	Assignment
Week 1	Introductions, Syllabus, Canvas, Time Management, Intro to OSHA and Cal/OSHA Exit Routes, Emergency Action Plans, Fire Prevention Plans and Fire Protection	Buy your Books
Week #2 2/23/2024	Personal Protective Equipment (PPE) – hearing protection Introduction to Industrial Hygiene, Safety & Health Programs (IIPP)	HW#1 due Quiz #1
Week #3 3/1/2024	Hazcom Program & Hazardous Materials, Ergonomic Hazards Bloodborne Pathogens	HW #2 due Quiz #2
Week #4 3/8/2024	Confined Spaces, Electrical Safety, Machine Guarding	HW #3 due Quiz #3



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Week #5 3/15/2024	Respiratory Protection DOT Placarding, and Accident Prevention Signs and Tags Material Handling and Storage	HW #4 Quiz #4
Week #6 3/22/2024	Stairways and Ladders Review, Q&A, Final Exam	HW #5 Quiz #5 Final Exam due date TBD

Grade Scale:

Point Score (in %)	Letter Grade
90-100	A – Excellent
80-89	B – Better than average
70-79 (C or better to earn card)	C – Average
60-69	D – Below Average
59 or lower	F – Fail

CLASS RULES ON THE FOLLOWING PAGE

Mandatory Class Rules

1. Punctuality and Attendance

- Class starts promptly at **6:00 PM**. The class runs from **6:00 AM to 8:50 PM**. Full participation throughout the entire session is required to earn credit and the Cal/OSHA card.

2. Mandatory Attendance

- Missing any mandatory topics will result in **not earning the Cal/OSHA card**. There are **no make-up classes**, quizzes, assignments, or final exams.

3. Timeliness

- **Do not arrive late or leave early**. Full attendance and participation are necessary to earn credit for the day.

4. Homework Submission

- **Submit homework** assignments **by 5:00 PM** on the due date—one hour before class begins. No late submissions will be accepted.

5. Final Exam Deadline

- The final exam is due by **March 21, 2024, by 11:59 PM**. There will be **no make-up exams**.

6. No Make-Up Sessions

- There are **no make-up sessions** for missed classes. Missing mandatory topics means you will **not earn the OSHA card** as per Cal/OSHA's regulations.

7. Class Participation

- Arrive **on time, alert, and ready to learn**. Actively engage in the class discussions.
 - Your comments should **add value** to the class.
 - If you need a rest, please take a break outside the classroom—return when fully awake and ready to participate.
 - **No phones** in class. Recording of lectures (audio or video) is **not permitted**.
 - **No earpieces** (e.g., AirPods or headsets).
 - **No use of computers or tablets** during class unless otherwise instructed.

8. In-Class Participation Points

- **In-class participation** is part of your grade. You must contribute at least **once per class session** to earn the **2% participation credit** of your final grade.

9. Cell Phone Etiquette

- **No cell phone use** during class. If you need to take a call, please step outside and return once you're done.

10. Prohibited Technology Use

- **No use of computers or tablets** for non-course-related activities (e.g., browsing the web or social media).

11. Communication with Instructor

- Please reach out to me through **Canvas inbox** for any class-related questions (homework, quizzes, exams, etc.). Follow the chain of command and allow me to address your questions directly.

12. Office Hours and Contact Information

- My office hours are at **5:30 PM, 30 minutes before class** in the **PT Faculty Trailer**. You can also contact me via **Canvas inbox**—I'll respond within 24 hours. If necessary, email me your phone number for more direct communication.

13. Cal/OSHA Card Payment

- The cost of the **Cal/OSHA card** is **\$10**. Payment is to be made directly to IVC.

14. Respect and Professionalism

- Treat your classmates, the professor, and the course materials with respect. A positive and respectful environment benefits everyone.

15. Let's Keep It Engaging – Let's Make it Fun!

- While maintaining professionalism, let's make this course **enjoyable** and productive.

16. Class Rules Subject to Change

- Please note that **class rules** may be updated, and any changes will be communicated promptly.

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