



Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

Semester: Spring

Course Prefix: CMGT

Course Title: Construction Safety

Year: 2025

Course and Section #: 1150-001

Credits: 2:2:0

Course Description

The course objective is for students to recognize safety violations in the workplace and understand how to correct them. Students will learn how to navigate and interpret the 29 CFR 1926 and will present on one of the OSHA subparts, evaluate a company safety plan, and conduct safety audits.

Upon successful completion of this course, and met the minimum 30 hours required, student will receive a 30 hour OSHA Safety card, which certifies their abilities and understanding of safety in the construction industry. Course fees applied.

Course Attributes

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

Instructor Information

Instructor Name: Estuardo Perez, CHST

Student Learning Outcomes

The course introduces OSHA and its role in the construction industry. It further reviews common safety theories, procedures and practices in construction today.

3) Recognition of the need for health and safety, accident prevention, and regulatory compliance.

11) An ability to use and apply business and communication skills.

Topics Covered

CFR 1926 Subparts (E-PPE, F-Fire Protection, G-Signs, Signals, and Barricades, H-Materials Handling, I-Tools, L-Scaffolds, M-Fall Protection, O-Motor Vehicles, P-Excavations, Q-Concrete and Masonry, etc.)

Course Materials and Texts

Click here to enter text.

Course Requirements

Course Assignments, Assessments, and Grading Policy

GRADING:

Supplemental Safety Presentation	50 points
Assignments/Exercises	13 @ 10 points
Toolbox Talk/Safety Checklists	50 points
Participation	60 points
Final Project (Audit)	40 points
<u>Final Exam</u>	<u>94 points</u>
TOTAL POINTS POSSIBLE:	430 approximately

GRADING SCALE PERCENTAGES:

A = 94-100	C = 73-75
A- = 90-93	C- = 70-72
B+ = 86-89	D+ = 66-69
B = 83-85	D = 63-65
B- = 80-82	D- = 60-62
C+ = 76-79	E = 0-59

ASSIGNMENTS: Assignments turned in on time will be given the full credit earned. Each assignment/exercise is due at the beginning of class, not a minute later. Late assignments will NOT be accepted.

<https://www.osha.gov/laws-regs/regulations/standardnumber/1926> will help you complete the assignments in Canvas.

SUPPLEMENTAL SAFETY PRESENTATION: Each student will choose a topic from a list to present to the class. The research will come from the internet and occasionally a portion may come from the instructor on select topics. The presentation must follow the guidelines set forth in Canvas and should be at least 25 minutes in length and no more than 30 minutes.

TOOLBOX TALK PRESENTATION: Each student will prepare and deliver a toolbox talk including a checklist to the class. You are to provide a packet of information to each student, which includes your PowerPoint and your checklist. These toolbox talks can be used in your careers now or in the future. The presentation should be at least 25 minutes in length and no more than 30 minutes.

NOTE: Grades will be posted on Canvas throughout the semester. It is each student's responsibility to keep track of their grade.

PARTICIPATION: Attendance is critical to obtaining your OSHA 30 Hour Safety Card. Students must be present for 30 hrs of class time to be eligible – very few exceptions are granted by OSHA. Your

participation grade will be based on attendance as well as class participation and respect for others. Points will be deducted when students are not giving their complete attention to guest speakers, student presenters, or to the instructor. Surfing on the internet in class will cause you to lose all points for the class period. Participation points will be deducted for arriving late to class, for not giving attention to the speaker, and for any other disruptive issues that may arise.

FINAL PROJECT: Students can choose between two options for the final project. Option 1) critique a company safety plan, 2) perform a safety inspection at a local job site. Each option will require a 2 pg, single spaced summary of your findings. Your write-up should include at least three positive aspects to your findings and why you feel those items were critical. It should also include at least three areas for improvements along with your reasoning for the necessity of such items. The project will be graded based on effort, completeness, grammar and professionalism. Any references and/or subparts should be cited at the end of the paper. At least one reference should be included for full credit.

FINAL EXAM: There will only be one test for the course at the end of the semester. Questions will come from class lectures and the students themselves. The exam is open book, open internet and open notes but not open classmates. It will be administered in-class on the day of the final through Canvas.

EXTRA CREDIT: Extra credit opportunities are available throughout the semester. Extra credit can be earned by interviewing professionals in related fields such as workers compensation, OSHA, accident attorneys, etc. All interviews must be approved by the instructor beforehand. A 1 page write-up must be submitted and will be given credit based on effort. However, no extra credit will be awarded unless the original assignment is completed with your best effort

Required or Recommended Reading Assignments

Assignments follow weekly schedule below.

General Description of the Subject Matter of Each Lecture or Discussion

Week 1: Intro to OSHA

Week 2: Subpart F Fire Protection & OSHA Consultation Program

Week 3: Subpart E PPE

Week 4: Subpart H Material Handling & Inspections, Citations, Penalties

Week 5: Subpart I Hand/Power Tools & Promoting Company Safety

Week 6: Subpart L Scaffolds

Week 7: Subpart M Fall Protection & Recording/Reporting Injuries

Week 8: Subpart O Motor Vehicles & Lock-out Tag-out

Week 9: Subpart P Excavations

Week 10: Subpart Q Concrete & Masonry & Bloodborne Pathogens

Week 11: Confined Space & Job Hazard Analysis

Week 12: Subpart X Stairway/Ladders

Week 13: Subpart G Signs/Barricades & Accident Investigations

Week 14: Subpart D Hidden Costs of Accidents

Week 15: Workers Compensation

Required Course Syllabus Statements

Generative AI

Can be used to help create a professional safety report citing subpart violations for a job site.

Using Remote Testing Software

This course does not use remote testing software.

This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

Equity and Title IX

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.