

Course Syllabus – CNST 3205 Construction Safety Management

Course Description:

This course introduces students to OSHA regulations and industry practices related to creating and maintaining safe construction sites. At the completion of the course, students who attend classes will be eligible to receive an OSHA 30 Hour Course Completion Card.

This class will be conducted virtually but requires 100% attendance to receive the OSHA 30 Hour training card. If you will be unable to attend all classes and want the card, then you will need to take the course online.

Course Prerequisites:

CNST 3301 Construction Equipment and Methods

Textbook:

No textbook is required however we will be referencing OSHA standards from CFR 1926 – Code of Federal Regulations for Construction. This book can be purchased from the instructor at a significant discount or you can use the internet @ www.osha.gov

Course Learning Outcomes:

Upon the completion of the course students will demonstrate the ability to:

1. Describe OSHA’s mission and Employee’s Rights & Responsibilities under the Act.
2. Describe the process of an OSHA inspection
3. Describe the types and severity of penalties imposed on violators
4. Describe fundamental safe practices commonly implemented on construction sites
5. Describe ways employers can manage Safety & Health

In addition to the learning objectives above, this course is emphasizing Ethics, Safety, and Oral/Written Communication.

In lieu of class time; if a student currently holds an OSHA 30 Hour Certificate issued by an Approved OSHA Outreach Training Center you will be excused from participation in the class. You will however have to take the Final Exam and submit a Site-Specific Safety Plan.

Student Learning Outcomes:

3. Create a construction project safety plan

Course and Student Learning Outcome Mapping:

Student Learning Outcome	Course Learning Outcome
3	1,2,3,4,5

Student Learning Assessments and Assessment Target:

Assessment	SLO#3	Assessment Target
Assess(S)	X	At least 70% of students receive a grade of 70 or better

Class Grading:

A. With an OSHA 30 Hour Card

Final Exam – 50%
SSSP – 50%

B. With an OSHA 30 Hour Card

Final Exam – 50%
 SSSP – 50%

Grading Scale:

Letter Grade	Score
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	Below 60%

Class Schedule:*

*Subject to change by the instructor

Week #	Topic	Time & Notes
Class #1 August 24, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-17:15 Intro to OSHA 17:15-18:15 Whistleblower 18:15-18:30 Admin	2.5 Hours
Class #2 August 31, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Falls 18:15-18:30 Admin	2.5 Hours
Class #3 September 14, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Electrocution 18:15-18:30 Admin	2.5 Hours
Class #4 September 21, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 PPE 18:15-18:30 Admin	2.5 Hours
Class #5 September 28, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-17:15 Struck by 17:15-18:15 Caught in Between 18:15-18:30 Admin	2.5 Hours
Class #6 October 5, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Managing Safety & Health 18:15-18:30 Admin	2.5 Hours
Class #7 October 12, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Health Hazards 18:15-18:30 Admin	2.5 Hours
Class #8 October 19, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-17:15 Ladders 17:15-18:15 Ergonomics 18:15-18:30 Admin	2.5 Hours

Class #9 October 26, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Scaffolds 18:15-18:30 Admin	2.5 Hours
Class #10 November 2, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-17:15 Tools 17:15-18:15 Fire 18:15-18:30 Admin	3.5 Hours
Class #11 November 9, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Confined Space 18:15-18:30 Admin	2.5 Hours
Class #12 November 16, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-17:15 Safety & Health Program 17:15-18:15 Welding & Cutting 18:15-18:30 Admin	2.5 Hours
Class #13 November 23, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Excavations 18:15-18:30 Admin	2.5 Hours
Class #14 November 30, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Powered Industrial Trucks 18:15-18:30 Admin	2.5 Hours
Class #15 December 2, 2020	4pm-6:30pm 16:00-16:15 Admin 16:15-18:15 Cranes 18:15-18:30 Admin	2.5 Hours

Class Policies and Rules:

- If you have the OSHA 30 Hour Card but choose to take the quizzes, then I will use the B grading scale.
- If you don't have your OSHA 30 Hour Card, then you must take the quizzes and the grading is all or none so if you take 1 out of 10 quizzes and get a 100 on that quiz, then you get a zero on the remaining quizzes, which will negatively affect your grade.
- You MUST submit your OSHA 30 Credential (Completion certificate is accepted) no later than July 20, 2020. There are NO substitutions. The credential MUST be from an Approved Outreach Training Center. Please verify your training immediately with the Instructor of this course.
- Absences: If you miss any class you WILL NOT receive an OSHA 30 Hour Card for completion of this course. You WILL be able to pass the course by successfully completing each quiz, the final and submitting the SSSP.
- Make Up classes: No makeup classes will be offered this semester. If you miss a class and want the OSHA 30-hour-card then you must register for the online course. NO EXCEPTIONS.

Exam Policy:

Exams will include material covered in class discussions and homework assignments. Exam make-up's will be given only in the event of a verified emergency or doctor-verified sickness. The student is responsible for all reading assignments and class handouts whether or not covered in class or listed on the syllabus. Exams and Quizzes will be available on Blackboard after the class in which the topic was discussed.

Academic Honesty:

The instructor reserves the right to adjust letter grades, upward only, based on individual attendance and class participation if numerical grade warrants such consideration. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from The University. Since dishonesty harms the individual, all students, and the integrity of The University, policies on scholastic dishonesty will be strictly enforced.

Students With Disabilities:

University of Houston provides, upon request, appropriate academic adjustments for qualified students with disabilities. Any student with a documented disability (physical or cognitive) who requires academic accommodations should contact the *Center for Students with DisABILITIES* (713/743-5400) for more assistance.

Course/Instructor Evaluation:

A Start-Stop-Continue survey and a course/instructor evaluation will be conducted at the middle and the end of this semester. Any suggestions you have on improving the course, however, are welcome throughout the semester. For detailed information about Disabilities, Religious Holy Days, the Academic Calendar, and Academic Honesty, and other information, please visit the following website:

http://www.uh.edu/provost/stu/stu_syllabsuppl.html

