Course Acronym:	CTEC
Course Number:	503
Descriptive Title:	Occupational Safety and Health Administration (OSHA) 10 Certification
Division:	Industry and Technology
Department:	Construction Technology
Course Disciplines:	Construction Technology
Catalog Description:	In this noncredit course, students learn recognition, avoidance, abatement and prevention of safety and health hazards in construction workplaces. In addition, students learn about workers' rights, employer responsibilities and how to file a complaint, and they learn current Occupational Safety and Health Administration (OSHA) safety requirements. Students who successfully complete the course will earn a valid DOL/OSHA 10-Hour Card.
Prerequisite:	
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	
Hours Lecture (per week):	12
Hours Laboratory (per week):	0
Outside Study Hours:	1
Total Course Hours:	12
Course Units:	0
Grading Method:	Pass/No Pass only
Credit Status:	Non Credit
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	

Other:	
IGETC:	
Term:	
Other:	
Student Learning Outcomes:	**SLO #1 Defining and Explaining OSHA** Upon completion of this course, students will be able to define OSHA and explain its function and roles. **SLO #2 Work Hazards** Upon completion of this course, students will be able to identify, minimize, and control workplace hazards by applying OSHA standards. **SLO #3 Worker Rights** Upon completion of this course, students will be able to list worker rights protected under OSHA.
Course Objectives:	1. Recognize what responsibilities an employer has under OSHA. 2. Identify major fall hazards, caught-in-or-between hazards, struck-by hazards, and electrocution hazards. 3. Identify common Caught-In-or-Between hazards. 4. Identify ways to select appropriate Personal Protection Equipment (PPE) and lifesaving equipment. 5. Identify major health hazards common to the construction industry. 6. Recognize how to protect oneself from material handling hazards. 7. Identify major hand & power tool hazards. 8. Recognize the role of the workforce and management in improving the current culture.
Major Topics:	**I. Introduction to OSHA (1 hour, lecture)** A. Worker rights under OSHA B. Discussing employer responsibilities under OSHA C. Understanding how OSHA inspections are conducted **II. Focus Four Hazards (2 hours, lecture)** A. Identifying, describing and protecting yourself from each of the following Focus Four Hazards: B. Fall Hazards C. Electrocution Hazards D. Caught-In-or-Between Hazards E. Struck-By Hazards F. Recognizing employer requirements to protect workers from each of the Focus Four Hazards **III. PPE (1 hour, lecture)** A. Describing types of hazards that require PPE Lifesaving Equipment B. Identifying and selecting appropriate PPE Lifesaving Equipment

	C. Protecting yourself from safety and health hazards **IV. Health Hazards in Construction (2 hours, lecture)** A. Identifying major health hazards common to the construction industry B. Describing acute and chronic health hazards C. Protecting yourself from safety and health hazards **V. Materials Handling, Storage and Use (2 hours, lecture)** A. Identifying material handling hazards on the job site B. Describing common types of material handling hazards C. Protecting yourself from material handling hazards **VI. Hand Tools and Power Tools (2 hours, lecture)** A. Identifying and describing types of hand and power tool hazards B. Protecting yourself from hand and power tool hazards **VII. Leading Cultural Change (2 hours, lecture)** A. Identifying cultural challenges that exist in B. Describing ways to use strong safety leadership and positive recognition to affect positive change C. Protecting yourself by recognizing negative safety culture
Total Lecture Hours:	12
Total Laboratory Hours:	0
Total Hours:	12
Primary Method of Evaluation:	2) Problem solving demonstrations (computational or non-computational)
Typical Assignment Using Primary Method of Evaluation:	Watch a video that simulates an accident on the job site. After watching the video, list on a one-page report the surface and root causes of the accident. Submit the report to the instructor.
Critical Thinking Assignment 1:	In a one-paragraph report explain why a spoil pile must be at least 3 feet away from the edge of an excavation. Submit report to the instructor.
Critical Thinking Assignment 2:	In a 3- to 5-minute oral presentation discuss common health hazards at a construction site and ways workers can avoid these hazards.
Other Evaluation Methods:	Matching Items Multiple Choice Objective Exam Quizzes Term or Other Papers
Instructional Methods:	Demonstration Discussion Lecture Role play/simulation

If other:	
Work Outside of Class:	Answer questions Problem solving activity Required reading Study Written work (such as essay/composition/report/analysis/research)
If Other:	
Up-To-Date Representative Texts:	Not Applicable
Alternative Texts:	None
Required Supplementary Readings:	
Other Required Materials:	Teacher-generated materials and handouts
Requisite:	
Category:	
Requisite course(s): List both prerequisites and corequisites in this box.	
Requisite and Matching skill(s):Bold the requisite skill. List the corresponding course objective under each skill(s).	
Requisite Skill:	
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	
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Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Ross Durand
Date:	05/14/2019
Original Board Approval Date:	05/18/2020
Last Reviewed and/or Revised by:	Ross Durand
Date:	11/20/2023
Last Board Approval Date:	01/17/2024
Effective Term:	FALL 2024