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C & G Ed approval: February 8, 2016
Board approval: March 9, 2016
Semester effective: Fall 2017

Industrial Education Safety (IES) 1102 Passport Safety Training (.25 Unit)
[formerly Petroleum Technology 94B]

Prerequisite: None

Total Hours: 5 hours lecture

Catalog Description: This introductory course provides information intended to satisfy the basic level of safety awareness required of all contractor personnel working on the properties of the California Oil Producers. The course covers all the basic safety topics considered essential for working safely on these companies' properties. This course is suggested as a prerequisite into the Industrial Education and Safety program. This course is offered on a Pass/No Pass basis with the option to receive a letter grade.

Type of Class/Course: Degree credit

Textbook: None

Additional Required Materials: None

Course Objectives:

Upon completion of the course, a successful student will be able to:

1. Apply the information necessary to satisfy the safety orientation requirements for working on the properties of the California Oil Producers

Course Scope and Content:

- Unit I California Oil Producers' Orientation Video
- A. Overview of hazards that may be encountered
 - B. California Oil Producers' safety and health Requirements and Expectations while working on their properties
- Unit II Behavioral Based Safety (BBS) Orientation
- A. BBS programs
 - B. Focus of BBS programs
- Unit III. Job Planning/Job Safety Analysis (JSA)
- A. Methods of identifying hazards
 - B. Why JSA's should be used
 - C. JSA procedures
- Unit IV Producers' Permit Procedures

- A. Types of Safety Work Permits (SWP)
- B. Responsibilities
- C. SWP process and procedures

Unit V

Endangered Species

- A. Rules when endangered species are encountered
- B. Environmentally sensitive areas

Unit VI

Hazard Communication

- A. Contractor responsibilities
- B. Employee responsibilities
- C. Chemical hazards
- D. Global Harmonized System/Safety Data Sheet (GHS/SDS)

Unit VII

Proposition 65

- A. Intent and purpose
- B. Required signage

Unit VIII

Hydrogen Sulfide (H₂S)

- A. Characteristics
- B. Effects of exposure
- C. Locations
- D. Air Monitoring
- E. Emergency rescue and evacuation

Unit IX

Personal Protective Equipment (PPE)

- A. Standard PPE Requirements
- B. Special PPE
- C. Jewelry and hair precautions

Unit X

Control of Noise

- A. Effects on hearing
- B. Types of hearing protectors
- C. Locations of expected excessive noise

Unit XI

Safe Work Practices

- A. General responsibilities
- B. Basic work rules

Unit XII

Confined Space Entry Awareness

- A. Characteristics and types
- B. Hazards
- C. Atmosphere monitoring

Unit XIII

Cranes, Slings and Rigging

- A. General rules
- B. Operator responsibilities
- C. Types and uses

- Unit XIV Overhead Powerline Policy
- A. Overhead power line safety
 - B. “Look up and live” flag policy
 - C. Loading and transportation
 - D. Work site procedures
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- Unit XV Fall Protection
- A. Types
 - B. Fall arrest equipment
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- Unit XVI Excavation and Trenching
- A. Hazards
 - B. Backhoe hazards
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- Unit XVII Heat Illness Prevention
- A. High heat procedures
 - B. Signs and symptoms of heat illness
 - C. Response to heat illness
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- Unit XVIII Producers’ Safety Requirements
- A. Summation of topics covered

Learning Activities Required Outside of Class: The students in this class will spend a minimum of 0.5 hours per week outside regular class time doing the following:

1. Written reports

Methods of Instruction:

1. Lecture
2. Audiovisual presentation

Methods of Evaluation:

1. Written exam
2. Performance observation

Supplemental Data:

TOP Code:	095670 Industrial Occupational Safety Health
SAM Priority Code:	C: Clearly Occupational
Funding Agency:	Y: Not Applicable
Program Status:	2: Stand-alone

Noncredit Category:	Y: Not Applicable
Special Class Status:	N: Course is not a special class
Basic Skills Status:	N: Not Applicable
Prior to College Level:	Y: Not Applicable
Cooperative Work Experience:	N: Course is not a part of a cooperative education program
Eligible for Credit by Exam:	No
Eligible for Pass/No Pass:	Yes