

## Common Course Numbering System

Your current Institution is CCCS

### Searching Current Courses For Spring 2015

Course: EIC 101  
Title: Job Training and Safety  
Long Title: Job Training & Safety  
Course Description: Studies first aid, CDL, basic use and care of personal protective equipment, use and care of climbing equipment, daily inspection and basic use of motorized equipment.  
Min Credit: 3  
Max Credit:

Course Notes: Entered new course 6/6/07 s@  
Changed from ELW to EIC 7/31/07 s@  
Origin Notes: TSJC

### STANDARD COMPETENCIES:

- I. Orientation to Powerline Work
  - A. Scope of Line Work
  - B. Personal and Group Safety Responsibilities and Expectations
  - C. Managing Safety
- II. Orientation for the New Employee
  - A. Participation in Safety Meetings, Job Briefings, and Planning
  - B. Conduct and Responsibilities of Employees
  - C. How to Report Incidents and Accidents
  - D. Culture of Line Work
  - E. Risks and Threats
- III. Managing Personal Safety Risk
  - A. Importance of Using only Approved and Properly Maintained Equipment
  - B. Rubber Gloves and Personal Protective Equipment
  - C. Head Protection
  - D. Eye Protection
  - E. Hearing Protection
  - F. Safety Foot Wear
  - G. Flame-Retardant Clothing

IV. Identify and Protect from Chemical Hazards

V. Job Planning and Job Briefing

A. Minimum Approach Distance as a Barrier

B. Taking out an Isolation Guarantee Using a Lockout/Tagout Procedure

C. Adverse Conditions

1. Confined/Enclosed Spaces

2. Heat/Cold

3. Water & Drowning Potentials

4. Helicopter and Other Aerial Equipment

5. Traffic

6. Excavation/Trenches

D. Reduce the Risk of Public Electrical Contact

VI. Reduce Risk when Climbing And Working Aloft

A. Critical Issues When Working at Heights

B. Fall Protection System Facts

C. Hazards when Using a Ladder to Climbing Poles

D. Reduce the Risk of Falling from a Pole

E. Working Aloft in a Bucket

VII. Managing Emergencies

A. Communicating Emergencies

B. First Aid Summary

C. CPR Summary

D. Seeking Medical Attention for Electrical Shock

E. Rescue

1. Bucket

2. Pole Top

3. Tower Top

4. Substation Structures

F. Fighting Fire in the Electrical Environment

G. Electrical System Emergencies

VIII. CDL Certification

A. Pre-trip and Equipment Safety Inspection

B. Backing

C. Driving

D. Certification

TOPICAL OUTLINE:

- I. Demonstrate how to safely work on power lines.
- II. Review and discuss video presentation: ¿So You Want to Be a Powerline Worker.¿
- III. Manage personal safety risk.
- IV. Manage risk in the working environment.
- V. Demonstrate how to reduce risk when climbing and working aloft.
- VI. Demonstrate ability to managing emergencies.

RELEASE: 8.5.3

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