COURSE INFORMATION FORM

DISCIPLINE   INTE  

COURSE TITLE  Pole Climbing Skills  

CR.HR  LECT HR  LAB HR  CLIN/INTERN HR  CLOCK HR  

5  2  6  

CATALOG DESCRIPTION
This course introduces the student to the proper and safe methods of wood pole climbing. The student must master climbing wood pole structures with the use of fall arrest equipment. The student will be taught two methods of climbing: free-climbing while tethered to a fall arrest device and hitchhiking with a fall arrest safety device. Upon completion of this class, the student will be able to demonstrate the ability to safely climb a wooden pole and conduct work practices associated with the electrical utility industry.

PREREQUISITES
None

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Demonstrate the ability to climb wood poles of various heights.
2. Communicate knowledge and understanding of the hazards of climbing and working on or near energized conductors.
3. Demonstrate the ability to safely and correctly climb the types of structures that are present in the field.
4. Demonstrate proficiencies in 2 types of climbing methods.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Life Long Learning: Open-minded Inquiry (ESO)

2. Locate resources (1, 2, 3)
3. Utilize modern information sources (1, 2, 3)
4. Exchange and share knowledge with others (1, 2, 3)
6. Explore multiple perspectives (1, 2, 3)
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

The student will demonstrate:

1. The ability to apply foundational skills in an industrial setting, safely and to industry guidelines.
2. Professional oral and written communication skills.
3. Thinking critically and applying problem-solving skills.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

Written Exams: 1 – 4
Assignments: 1 – 4
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Safety
   A. Electrical safety
   B. Pole climbing hazards

II. Equipment
   A. Safety harness
   B. Gaffs
   C. Hand tools

III. Pole Climbing
   A. Risks
   B. Climbing Skills
      1. Climb to the top of a 35’ pole
      2. Construct a double arm at various heights on the pole
      3. Climb over 100’ double arms
      4. Climb a leaning pole
      5. Be able to circle pole 360° without use of hands

IV. Climbing Methods
   A. Fall Arrest Harness
   B. Fall Arrest Safety Belt
   C. Be able to demonstrate 2 different methods of climbing