COURSE INFORMATION FORM

DISCIPLINE
COURSE TITLE
LINE
CR.HR  4  LECT HR.  3  LAB HR.  2  CLIN/INTERN HR.  CLOCK HR. 

CATALOG DESCRIPTION

The student will learn the hazards and safe work practices of an electrical line technician. The student will learn CPR, First Aid and OSHA rules and regulations associated with the utility industry.

PREREQUISITES

LINE 215 and LINE 237 or concurrent enrollment w/ C grade or higher

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

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

1. Demonstrate safe work practices.
2. Be certified in Red Cross First Aid.
3. Be certified in Hurtman Rescue off the pole and out of the bucket.
5. Identify and describe common hazards within line work.
6. Describe and demonstrate high and low voltage hazards.
7. Describe gloving requirements.
8. Describe and demonstrate proper grounding and isolation techniques.
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.

<table>
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<tr>
<th>Outcomes</th>
<th>ESO</th>
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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. Thinking critically and applying problem-solving skills.
3. Competency in the entry-level skills required to graduate from the Lineman program.

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

1. Written Tests: 1 – 9
2. Assignments: 1 – 9
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 procedures
II. Red Cross First Aid
   A. CPR
   B. 8-hour course certification
III. OSHA 10 ED&T certification
IV. Hazards of Energized Work
   A. Define hazards
   B. Minimum approach distance
   C. Safety options and procedures
   D. High and low voltage glove requirements
V. Tools
   A. Specifications
   B. Identifying proper tool usage
VI. Gloving Requirements
   A. Definition
   B. Hazards and safety procedures
   C. Electrical integrity
   D. Grounding
   E. Aerial devices
   F. Ladder