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Northeast Wisconsin Technical College

31-413-361 022730 Line Electrician-Safety 3

Course Outcome Summary

Course Information

Description	31-413-361 LINE ELECTRICIAN-SAFETY 3... This course provides safety procedures in transmission, substation, metering, low voltage construction, and tree trimming methods and tools. Students will also perform related accident reviews. (Prerequisite: 31-413-364 Line Electrician-Safety 2)
Total Credits	1
Total Hours	36

Course History

Last Revision Date	3/16/2017
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Employability Skills

- Communicate Effectively
- Demonstrate Community and Global Accountability
- Demonstrate Personal Accountability
- Solve Problems Effectively
- Think Critically and Creatively
- Value Individual Differences and Abilities
- Work Cooperatively and Professionally

Program Outcomes

- TSA2 - Construct overhead electrical distribution systems
- TSA3 - Disassemble overhead electrical distribution systems
- TSA5 - Disassemble underground electrical distribution systems
- TSA6 - Construct overhead electrical transmission system
- TSA7 - Disassemble overhead electrical transmission system
- TSA8 - Maintain electrical systems

Course Competencies

1. Discuss electric utility accidents and near miss accidents.

Assessment Strategies

by discussing electric utility accidents and near miss accidents

Learning Objectives

- 1.a. Visualize the affect of a electric utility accidents and near miss accidents.
- 1.b. Apply safety rules using the Safe Work Practices manual.
- 1.c. Critique other electric utility accidents and near miss accidents.

Criteria

Your performance will be successful when:

you discuss electric utility accidents and near miss accidents.

you identify electric utility accidents and near miss accidents that are related to class subject.

you associate safety rules from the Safe Work Practices manual with your electric utility accidents and near miss accidents.

2. Identify basic safety elements with overhead transmission.

Assessment Strategies

By identifying basic safety elements with overhead transmission.

Learning Objectives

- 2.a. Use personal protective equipment.
- 2.b. Acknowledge safety rules in Safe Work Practice Manual.
- 2.c. Be aware of hazards with overhead transmission.

Criteria

Your performance will be successful when:

you identify the hazards associated with overhead transmission.

you identify safety rules in the Safe Work Practice manual.

3. Identify basic safety elements with substations and switchyards.

Assessment Strategies

By identifying basic safety elements with substations and switchyards.

Learning Objectives

- 3.a. Use personal protective equipment.
- 3.b. Acknowledge safety rules in Safe Work Practice Manual.
- 3.c. Be aware of hazards with substations and switchyards.

Criteria

Your performance will be successful when:

you identify the hazards associated with substations and switchyards.

you identify safety rules in the Safe Work Practice manual.

4. Value the purpose of safety in the work place.

Assessment Strategies

by discussing a general safety topic.

Learning Objectives

- 4.a. discuss a general safety topic.
- 4.b. Critique other general safety topics.

Criteria

Your performance will be successful when:

you discuss a general safety topic.

you identify all the subject matter involved with topic.

5. Identify safe working procedures of different types of watt hour meter.

Assessment Strategies

by identifying safe working procedures of different types of watt hour meter.

Learning Objectives

- 5.a. Use personal protective equipment.
- 5.b. Acknowledge safety rules in Safe Work Practice Manual.
- 5.c. Be aware of hazards with different types of watt hour meters.

Criteria

Your performance will be successful when:

you identify the hazards associated with different types of watt hour meters.
you identify safety rules in the Safe Work Practice manual.

6. Identify basic safety elements with chainsaw operation.

Learning Objectives

- 6.a. Use personal protective equipment.
- 6.b. Acknowledge safety rules in Safe Work Practice Manual.
- 6.c. Be aware of hazards with chainsaw operation.

Criteria

you identify safety rules in the Safe Work Practice manual.
you identify the hazards associated with chainsaw operation.