

Clackamas Community College

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Section #1 General Course Information

Department: Apprenticeship

Submitter

First Name: Shelly

Last Name: Tracy

Phone: 0945

Email: shellyt

Course Prefix and Number: APR - 116UL

Credits: 2

Contact hours

Lecture (# of hours):

Lec/lab (# of hours): 40

Lab (# of hours):

Total course hours: 40

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Six Month Pole Yard Review Training

Course Description:

Review instruction for first year apprentices on proper climbing technique and installation of equipment on wooden poles.

Type of Course: Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Electrician Apprenticeship Technologies AAS

Are there prerequisites to this course?

Yes

Pre-reqs: APR-115UL Initial Pole Yard Training

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: None

Requirements: 1st step apprentice work experience

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F Only

Audit: No

When do you plan to offer this course?

✓ Not every term

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

No

Will this course appear in the schedule?

No

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. perform single phase transformer hook-ups using appropriate wire sizes,
2. hang a transformer using a capstan,
3. run underground risers,
4. operate cutouts and fuses,
5. explain load break capacity of different cutouts,
6. explain use of rotation meters,
7. hang capacitor banks and explain the importance of bleeding them off,
8. install switches,
9. set poles manually using blocks, pikes and tackle,
10. set poles and secure using required guy wire and anchors.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Hanging single phase transformers.
2. Setting poles using of block and tackle.
3. Guy wire and anchors to secure the pole.
4. Underground risers.
5. Reading rotation meters.
6. Operation of cutouts and fuses.
7. Capacitor functions.
8. Switches.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |

- 3. Prevent environmental degradation **No**
- 4. Clean up natural environment **No**
- 5. Supports green services **No**

Percent of course: 0%

First term to be offered:

Next available term after approval

:
