Clackamas Community College

Online Course/Outline Submission System

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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 - 134UE
Credits: 3
Contact hours
Lecture (# of hours): 30 Lec/lab (# of hours): Lab (# of hours): Total course hours: 30 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: Estimator Phase Design
Course Description: This course will cover principles and concepts that govern field operations. Students will explain and summarize the basics of electric utility energy systems. The focus is or single and three phase construction projects.
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 Technology AAS
Are there prerequisites to this course?
No No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
Yes
Recommendations:
Requirements: Acceptance into the Line Estimator apprenticeship program
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?		
Summer Fall Winter Spring ✓ Not every term Not every year		
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:		
 explain the requirements of single phase residential both underground (UG) and overhead (OH); compile field notes from residential site visits; complete the work process by sketching, design, customer interaction, approval and material ordering; explain three phase OH line construction; compile field notes from construction site visits. 		
This course does not include assessable General Education outcomes.		
Major Topic Outline:		
1. Single Phase Residential both UG and OH 2. Three Phase OH Line construction		
Does the content of this class relate to job skills in any of the following areas:		
Increased energy efficiency Produce renewable energy Prevent environmental degradation Clean up natural environment Supports green services	No No No No	
Percent of course: 0%		
First term to be offered:		
Next available term after approval		