Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Engineering

Submitter

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Course Prefix and Number: WET - 108

 # Credits: 3

Contact hours

Lecture (# of hours): 36
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 36

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: Cross-Connection Control Program Specialist

Course Description:

Specialized training for those who want to be involved in administering cross-connection control programs. Elements of a cross-connection control program, basic hydraulics, state specific regulations, identifying possible cross-connections and site surveys in order to determine proper type of backflow protection, if needed.

Type of Course: Career Technical Preparatory

Reason for the new course:

Several reasons: I already teach this class but it has always been for industry people looking to become specialists. This class has always awarded CEU's for industry. We would like all of our WET students to take this class for credit. This class will give them yet another state level certification that will increase their ability to find a full time career! We are seeing more and more demand for specialists and this is the only way you can become one!

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

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): It will be starting next year: AAS Water & Environmental Technology and the 1-Year WET Certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

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

No

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 or Pass/No Pass

Audit: No

When do you plan to offer this course?

✓ Summer
✓ Fall
✓ Winter
✓ Spring

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?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. administer a cross-connection control program,
2. identify current and potential cross-connections,
3. evaluate level of health risk of various establishments,
4. demonstrate knowledge of backflow assemblies,
5. describe and explain basic water hydraulics,
6. conduct site surveys to establish which backflow assemblies are need to protect the publics water supply.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Elements of a cross-connection program
2. Backflow assemblies
3. Cross-connections
4. Basic water hydraulics
5. Water related health hazards
6. Policies and procedures
7. Rules and regulations
8. Record keeping
9. Public relations
10. Site surveys

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
: