

Clackamas Community College

Online Course/Outline Submission System

 Show changes since last approval in red

Print

Edit

Delete

Back

Reject

Publish

Section #1 General Course Information**Department:**Apprenticeship**Submitter**

First Name: shelly

Last Name: tracy

Phone: 0945

Email: shellyt

Course Prefix and Number:APR - 197PB

Credits:1**Contact hours**

Lecture (# of hours):

Lec/lab (# of hours): 20

Lab (# of hours):

Total course hours: 20

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:Plumbing Backflow Prevention**Course Description:**

All facets of backflow prevention and protection related to Codes and Laws. Includes clean water requirements, recognizing dangerous cross connections between potable and non-potable water systems, as well as a lab in which to demonstrate and provide hands-on opportunity for proper use of backflow devices, installation and repair and testing.

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):AAS>CONSTRUCTPB 7CC>CONSTRUCTPB

Are there prerequisites to this course?

Yes

Pre-reqs:Successful completion of APR-137PB

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?

No

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

No

Will this class use library resources?

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:Yes

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. identify six backflow prevention devices,
2. apply plumbing code requirements to the proper installation of backflow prevention devices,
3. identify cross connections,
4. explain how back-siphon and back-pressure occur,
5. identify methods of repair and testing backflow prevention devices.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Plumbing Code and Health Division Laws relating to backflow prevention requirements.
2. Types of backflow devices.
3. Selection of minimum backflow prevention device. Device installation requirements.
4. Test code and laws.
5. Backflow device repair.
6. Backflow device testing.
7. Test on Backflow device testing and repair.

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

:
