

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 - 247PB

Credits: 3

Contact hours

Lecture (# of hours): 33
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 33

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: Advanced Plumbing Code I

Course Description:

This course is designed to prepare the apprentice for the plumbing journeyman exam. It introduces the Uniform Plumbing Code and covers additional plumbing laws and rules. The student will work with the plumbing code book to learn definitions and general regulations, acceptable methods and materials for plumbing installations and will prepare for the State plumbing examination.

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, CCCONSTRUCTPB

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?

Yes

Recommendations: None

Requirements: Successful completion of 1st, 2nd, and 3rd years of Plumbing related training

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: 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 the plumbing codes,
2. explain plumbing and code definitions,
3. explain plumbing theory and design,
4. use proper materials and processes for fixtures, water heaters and water piping systems.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Administrative rules.
2. General Regulations.
3. Fixtures.
4. Water Heaters.
5. Water Piping.
6. Plumbing Laws and Statues.
7. Plumbing Administrative Rules.
8. Preparation for State Exam.

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

:
