

## 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

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**Course Prefix and Number:** APR - 276PB

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**# 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.

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**Course Title:** Plumbing Review I

**Course Description:**

This course is designed to prepare the apprentice for the plumbing journeyman exam. It is the first of three Advanced Plumbing Code classes and covers additional plumbing codes, analysis of definitions, plumbing theory and design, advanced preparation for the State Journeyman's Plumbers exam and overview of the entire code book.

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**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 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 the OSPSC plumbing code,
- 2. identify and utilize plumbing math concepts and functions,
- 3. explain ADA requirements.

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***This course does not include assessable General Education outcomes.***

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**Major Topic Outline:**

- 1. Review Plumbing Code chapters.
- 2. Review Isometric Drawing.
- 3. Review Mathematics.
- 4. Review Safety.
- 5. Review Administrative Rules, Laws, Regulations.
- 6. Review Plumbing Science.
- 7. Review ADA requirements.

**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**

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