

## Clackamas Community College

### Online Course/Outline Submission System

**Consent Agenda Requests**

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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 - 277PB

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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 II

**Course Description:**

This course is the second of three classes designed to provide the fourth year apprentice with a computer-assisted overview of previous courses and an opportunity to explore advanced plumbing topics.

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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?

**Yes**

**Pre-reqs:** Successful completion of APR-267PB

**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?

**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       | <b>No</b> |
| 2. Produce renewable energy          | <b>No</b> |
| 3. Prevent environmental degradation | <b>No</b> |
| 4. Clean up natural environment      | <b>No</b> |
| 5. Supports green services           | <b>No</b> |

Percent of course: 0%

**First term to be offered:**

**Next available term after approval**

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