

**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 - 175IE**# 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.

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**Course Title:**Blueprint Reading**Course Description:**

Presents the fundamentals in the use of construction drawings to determine methods and materials of construction. Emphasis is placed on architectural symbols and use of scale to determine location and placement.

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**Type of Course:**Career Technical Apprenticeship**Reason for the new course:**

recommeded by the JATC committee

**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):**Electrician Apprenticeship Technologies AAS & certificates (IE Trade)

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?

**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:No**

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 types of construction,
2. demonstrate how to use specifications,
3. identify construction blueprint symbols and abbreviations,
4. interpret construction drawings,
5. correlate elevation, section, plan view, general notes;
6. demonstrate the ability to identify residential and commercial structures,
7. demonstrate the ability to use construction math as it applies to blueprints.

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

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Major Topic Outline:

1. Types of construction.
2. Types of drawings.
3. Types of drawing views.
4. Types of symbols.
5. Plan specifications.
6. Multi-family plans.
7. Commercial building plans.
8. Restaurant plans.

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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