

CWE 65C: OCCUPATIONAL WORK EXPERIENCE: APPRENTICE-PLUMBING

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Winter 2022
Units:	7
Hours:	350 hours of paid employment.
Prerequisite:	Student must be working in a trade-related job and be attending a Building Trade Apprenticeship Program; 350 hours of paid employment per quarter is required.
Advisory:	Students may earn up to a maximum of 24 units of work experience education.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Student Learning Outcomes

- Student/ Apprentice will be able to interpret concepts learned during classroom instruction and correctly apply them to situations that arise during their on the job training.
- Student/ Apprentice will be able to demonstrate proper use and care of industry tools and equipment within their chosen trade occupation in the construction industry during their on-the-job training.
- A successful student/ apprentice will ensure all job duties and responsibilities are conducted within the latest codes and industry standards during their on-the-job training

Description

The CWE program promotes on-the-job learning experiences for an apprentice/student employed in a job-related vocational or occupational major. The program reinforces the apprentice/student to apply occupational knowledge and theory gained from Plumbing trade courses to the workplace. The work experience will build communication, problem-solving, interpersonal and transferable skills, in addition to increasing the apprentice's/student's awareness of cultural, global, and generational diversity in the work environment. A proactive approach towards a student's/apprentice's career decision-making process will be implemented by the development of concrete and measurable learning objectives.

Course Objectives

The student will be able to:

1. Secure an in-depth knowledge of the Plumbing trade process by observing and working with journey person(s) at the worksite.

2. Develop, create and implement learning objective(s) that develop workplace readiness skills, Plumbing trade skills and specifications.
3. Demonstrate job readiness and workplace behaviors skills, in addition to job search products such as resume and project portfolio.
4. Enhance and strengthen employee/supervisor/coworker communication and working relationship through on-going feedback loop and/or evaluation.
5. Demonstrate critical thinking skills in the workplace through conflict resolution, troubleshooting and team building activities.
6. Implement the relationship between Plumbing building trade classroom theory and practical application through concrete and measurable learning objectives.
7. Complete all required program paperwork, course assignments and instructor meetings on a timely basis.
8. Demonstrate safety procedures and practices.

Course Content

1. Apprentice/student will learn and enhance technology skills that are pertinent to their Plumbing trade choice.
2. Apprentice/student will utilize problem solving skills at the workplace through development of verbal communication, listening skills, oral, process analysis, business writing skills and job bidding process.

Lab Content

Labs and related activities are designed to enhance apprentices'/ students' understanding of workplace dynamics, development of workplace readiness, technology, and to think critically on real life building trades projects and utilize equipment and tools particular to the trade.

Special Facilities and/or Equipment

Trade Union Apprenticeship site classrooms and labs will provide tools and equipment needed, specific to the trade.

Method(s) of Evaluation

Performance rating from employer via Performance Agreement
Accuracy, timeliness of all assignments deadlines
Time cards/Blue Book entries verifying employment hours
Trade evaluations conducted by Training Director
Overall job performance and adherence to building trade policies

Method(s) of Instruction

Lecture
Discussion
Cooperative learning exercises
Oral presentations
Laboratory

Representative Text(s) and Other Materials

Materials to be determined by instructor.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

1. Lab assignments
2. Peer and/or supervisor evaluations
3. Classroom reading and writing assignments

Discipline(s)

Plumbing