

PLUMBING (PLU)

Courses

PLU 100 Introduction to Plumbing Technology (2)

The course introduces the student to the basic knowledge of the plumbing occupation. Topics include professional opportunities in plumbing, plumbing safety, and tools of the trade. Prerequisites: NCCER Core certification

PLU 102 Plumbing Blueprint Reading (4)

Understanding blueprints and the math behind plumbing are essential skills required to advance in the Plumbing profession. This course will expose students to the concepts required to read plans, calculate pipe length, determine fitting allowances, lay out fixtures, and much more. Prerequisite: PLU 100 Introduction to Plumbing Technology

PLU 104 Plumbing Fixtures and Fittings (3)

Students will also be introduced to fixtures, faucets, drain assemblies and water supply systems. Students will study and practice safe installation applications of basic residential plumbing devices. Prerequisites: PLU100 Introduction to Plumbing Technology

PLU 105 Plumbing Electricity and Gas (3)

Plumbing systems use devices that contain electrical circuits. In this course, students will learn how to install and service plumbing electrical systems, understand how electrical components work, and learn how to read circuit diagrams and use electrical test equipment. Additionally, this course exposes students on the types of fuel systems and their installation processes involved in the plumbing industry.

PLU 108 Plumbing Fixtures I (3)

This course introduces students to materials commonly used to make plumbing fixtures. It also exposes students to the Drain, Waste, and Vent system and the water distribution system. Prerequisite: PLU 100 Introduction to Plumbing

PLU 110 Plumbing Fixtures II (3)

This course provides instruction on installing drains and water distribution systems, identifying types and purposes of different fixtures and valves, installing water heaters, and an overview of electrical safety as it applies to the plumbing profession. Prerequisite: PLU 100 Introduction to Plumbing and PLU 108 Plumbing Fixtures I

PLU 201 Plumbing Internship (3)

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work environment. The internship will provide the students with an on-the-job experience under the supervision of industry professionals. The work will be developed in cooperation with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals in the plumbing field. Minimum 15 hrs. per week on-the-job training. Prerequisites: PLU 100 Introduction to Plumbing Technology

PLU 202 Plumbing Projects (3)

Work-based learning course connecting students to plumbing activities and projects within the context of the plumbing laboratory. Prerequisites: PLU 100 Introduction to Plumbing Technology