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Canvas? bit.ly/COSCanvasH

CRN: 15785

Course Name: CT 205 Plumbing

Faculty Member: Brian Unruh

This course will be offered as hybrid asynchronous online lectures with face to face lab instruction. This means that the lecture part of the course will be online with a flexible schedule, and there will be in-person required lab time which will follow social distancing rules. The faculty member teaching this class will provide greater detail, via COS email or Canvas. It is imperative you check both Canvas and your COS email as some info might not be available until the first class meeting.

NOTE: There are a number of COS programs that are mandated by an outside agency to have required face-to-face labs for completion of the learning outcomes of the course. It is important to visit with a counselor or reviewing your Student Educational Plan before selecting new courses.

Details for Course:

The graded lab activities are designed to reinforce primary concepts and provide practical experience to students. The date, topic, and location of each lab meeting are listed below. Students will bring their own safety glasses, mask, class materials, and additional supplies to all lab activities.

Plan for Social Distancing: The class will use Canvas for all lectures with some labs included on line. CT 205 currently has 14 students enrolled. At that current number, labs can be held with the full group and maintain social distancing rules. If the enrollment increases beyond 14, labs will be divided into two groups. Each lab (shop) activity will last for 1.5 hours and will rotate half way through the allotted class time. All labs will take place on the Visalia campus in the wood shop (Cedar 425) where protective glasses and facemasks are mandatory. Gloves will be offered to students and facemasks provided to students who didn't bring their own.

Students will be sent an email prior to the start of the semester with instructions on how to access Canvas, details on the first lab meeting, how the groups will be divided, as well as meeting times for each group. This information will also be posted in the syllabus and outlined on canvas for students to see.

CT 205 class schedule

Aug 17	first day of class
Aug 24	Plumbing Codes and Standards Plumbing Safety
Aug 31	Assignment #1 Due, Begin segment on Print reading and symbols
Sept 7	No Class
Sept 14	Plumbing Materials (Cast Iron) Plumbing Materials (Plastic Pipe)
Sept 21	Plumbing Materials (Plastic Pipe) Plumbing Materials (Copper)
Sept 28	Assignment #2 Due, Pipe Material Overview (Shop)
Oct 5	Sanitary Drainage
Oct 12	Sanitary Drainage and Storm drainage
Oct 19	Assignment #2 Due, Mid Term Exam
Oct 26	Assignment #3 Due, Water distribution
Nov 2	Water Distribution (Shop)
Nov 9	Water heaters
Nov 16	Water heaters/ Hydronics
Nov 23	Plumbing Traps and Fixtures (Shop)
Nov 30	Assignment #4 Due, Fuel Gas
Dec 7	Fuel Gas