

Intro to Pipe Welding

Instructor Information and Availability

Marc Rose
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Zoom by appointment

Course Information

WD4.170- Intro to Pipe Welding
CRN: 43284
Moddle
Number of credits: 2
Classroom(s):

Prerequisites:

Prerequisite: WD4.241 Intermediate Arc Welding, WD4.152 Welding II and WD4.245 Layout Procedures for Metals (or taken concurrently) with a grade of C or better or instructor approval.

Course Materials

- Access to Moodle through computer or smart phone.
- Access to e-mail
- Arc Welding Book

Course Description

A required course for 1st Year Welding & Fabrication Technology majors designed to introduce basic principles and procedures of pipe welding and providing limited experience with SMAW, TIG, and other welding processes on steel pipe. Students will layout, cut, fit and weld various pipe joint configurations as part of the curriculum.

Student Learning Outcomes

Upon successful completion of this course, students will be able to:
Use welding equipment, cutting equipment, and shop equipment safely. Perform welds on steel pipe with SMAW, TIG, and other welding processes. Use pipe templates for increased accuracy. Employ industry-standard pipe welding methods and techniques. Utilize flame-cutting and plasma arc cutting equipment. Layout, cut, and fit pipe joint configurations.

Behavior and Expectations

The instructor is expected to teach and you are expected to learn. In order to prepare you for your working career, we expect you to conduct yourself as you would at a job.

- Be on time and ready to learn.
- Be respectful to EVERYONE in the shop or classroom.
- Follow all safety rules. No exceptions. You will be given lots of safety rules to follow, if

you are not understanding the rule, ask for more information.
You are held accountable to the [Student Code of Conduct](#), which outlines expectations pertaining to academic honesty (including cheating and plagiarism), classroom conduct, and general conduct.

Guidelines for communication

Email works best for communication in regards to class. Use CRN in subject line.

Attendance/Tardiness Policy

Log into Moodle at least once per week as a baseline for attendance.

Testing

Any tests or quizzes are open book, google and phone.

Grading

50% of final grade will be based on daily engagement and participation during class.
30% will be based on midterm and final
20% will be based on participation in class. (use of moodle)

Assignments

What will be doing this term??

We will use your arc welding book and cover the elements of pipe welding using different processes.

We will go over PowerPoints of those chapters

I will include video links for review and discussion

We may Zoom from time to time throughout term

Late Assignment Policy

Assignments will be turned in through the use of Moodle and will only be open for a specific amount of time.

I will give time at end of term to make up any missing assignments.

College Policies

LBCC Email and Course Communications

You are responsible for all communications sent via Moodle and to your LBCC email account. You are required to use your LBCC provided email account for all email communications at the College. You may access your LBCC student email account through Student Email and your Moodle account through Moodle.

Disability and Access Statement

Use one of three approved syllabus statements located on the [Center for Accessibility Resources Faculty Resources](#) webpage.

Statement of Inclusion

To promote academic excellence and learning environments that encourage multiple perspectives and the free exchange of ideas, all courses at LBCC will provide students the opportunity to interact with values, opinions, and/or beliefs different than their own in safe, positive and nurturing learning environments. LBCC is committed to producing culturally literate individuals capable of interacting, collaborating and problem-solving in an ever-changing community and diverse workforce.

Title IX Reporting Policy

If you or another student are the victim of any form of sexual misconduct (including dating/domestic violence, stalking, sexual harassment), or any form of gender discrimination, LBCC can assist you. You can [report](#) a violation of our sexual misconduct policy directly to our Title IX Coordinator. You may also report the issue to a faculty member, who is required to notify the Coordinator, or you may make an appointment to speak confidentially to our Advising and Career Center by calling 541-917-4780.

Public Safety/Campus Security/Emergency Resources:

From any LBCC phone, you may alternatively dial extension 411 or 4440. LBCC has a [public safety app](#) available for free. We encourage people to download it to their cell phones. Public Safety also is the home for LBCC's Lost & Found. They provide escorts for safety when needed. Visit them to learn more.

Changes to the Syllabus

I reserve the right to change the contents of this syllabus due to unforeseen circumstances. You will be given notice of relevant changes in class, through a Moodle Announcement, or through LBCC e-mail.