

Advanced Pipe Processing

General Information

Instructor Information and Availability

Marc Rose
541-917-4581
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Zoom or Facetime available by appointment

Course Information

PFW133 Advanced Pipe Processing and Prep
CRN: 44141
Moodle
Number of credits: 4

Prerequisites:

PFW 132 Intermediate Pipe Processing and Preparation with a grade of C or higher.

Course Materials

Arc Welding Book
Access to internet

Course Description

Continues intermediate pipe processing. Includes an in-depth approach to the fit up and cutting of saddles to fabricate pipe joints.

Student Learning Outcomes

Upon successful completion of this course, students will be able to:

Use oxy/fuel and plasma cutting, shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux-cored arc welding (FCAW), and gas tungsten arc welding (GTAW) equipment safely. Use fabrication shop equipment safely. Set up and operate oxy/fuel, SMAW, GMAW, FCAW, and GTAW equipment within correct operating parameters. Set up and operate pipe shop equipment. Generate the layout of pipe saddles. Demonstrate the ability to bevel and fit pipe joints.

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.

Use of cell phones

No phone use during lectures. You will be asked once to stop and then excused from class for day and it will be counted as an unexcused absence.

Attendance/Tardiness Policy

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

Testing

Most but not all test and quizzes will be open notes. I will be present during and able to clarify questions during tests if needed.

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 through Moodle.

- A = 90-100% Excellent Work
- B = 80-89% Good Work
- C = 70-79% Average Work
- D = 60-69% Poor Work
- F = 0-59% Failing Work

Assignments

What are we going to do!??

For the first couple of weeks we will review some of things we have learned and talked about up to this point.

I am working on building “kits” for you all that will help you with practicing hand eye coordination layout.

I will assign homework every week starting week two.

I will send links and videos through Moodle with question sets to follow.

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.