

Linn-Benton Community College
Fabrication & Repair Practices III

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Course #: WD4.250
Office Location: IC 102B
Office Hours: TBA contact through email

Course Description:

Fab & Repair III continues WD 4.243 Fabrication and Repair Practices II. This course provides a more in-depth approach to welding design, fabrication and repair. Uses the principles and techniques of metal fabrication from drawings.

Learning Outcomes

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

- Use Oxy-Fuel welding and cutting, SMAW, GMAW, FCAW, and GTAW equipment, safely.
- Use fabrication shop equipment, safely.
- Set up and operate Oxy-fuel welding and cutting, SMAW, GMAW, FCAW, and GTAW equipment within correct operating parameters.
- Set up and operate fabrication shop equipment.
- Generate a sketch to use in creating a project.
- Construct a completed project from sketch or blueprint.

The above Course Description and Learning Outcomes will be followed to the best of our ability. Because of the current state of world affairs, we will be conducting our class online, exclusively, to start Spring Term.

Required items

-Books:

Welding Principles and Applications
8th Edition Larry Jeffus

Welding Fabrication & Repair
Frank Marlow, PE

-Internet access and an electronic device for accessing and completing weekly assignments

-Note taking materials

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. This is important, now more than ever. If you don't check your email regularly, you miss something very important. CHECK YOUR SCHOOL EMAIL!!

Disability and Access Statement

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in the class, please talk to your instructor as soon as possible to discuss your needs. If you believe you may need accommodations but are not yet registered with CFAR, please visit the [CFAR Website](#) for steps on how to apply for services or call 541-917-4789.

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](#):

In an emergency, call 911. Also, call LBCC Campus Security/Public Safety at [541-926-6855](#) and [541-917-4440](#).

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.