Fabrication and Repair 1, WD4. 242

Syllabus

# General Information

## Instructor Information and Availability

Cameren D. Moran

(541) 917-4582

[Moranc@linnbenton.edu](mailto:Moranc@linnbenton.edu)

Monday/ Wednesday 10:00-11:30  
Tuesday/ Thursday 10:00-11:30

IA-106B

## Course Information

Course name: Fabrication and Repair 1

Section number: 01

CRN: 26070

Scheduled time/days: Tuesday/Thursday 12:00-3:50PM

Number of credits: 4

Classroom(s): IC 102 / IC Welding Lab

### Prerequisites:

N/A

## Course Materials

Required:

* View last page for items

## Course Description

Fabrication and Repair I is a beginning career course stressing safety and equipment familiarization with lab exercises for skill development in basic fundamentals of oxy-acetylene welding and cutting. It includes technical informational lectures in related subjects.

# Course Outcomes

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

Use Oxy-Fuel welding and cutting equipment safely. Set up and operate Oxy-Fuel welding and cutting equipment. Perform welds- flat/horizontal position. Name various components of welding equipment. Perform basic layout procedures. Perform cutting and fit-up of joints to be welded.

# Class Policies

## Behavior and Expectations

The student is responsible to follow all safety rules and shop procedures and to perform

all tasks in a safe and conscientious manner. This includes wearing the required safety

items (safety glasses, high top hard top boots, etc.) during the lab time.

**NOTE:** The instructor or LBCC Welding Department Staff will verbally warn the

student when required safety items are not being worn in the shop, or when safety

procedures are not being followed. Upon the third verbal warning, the student may be

withdrawn from the course by the instructor.

### Guidelines for communication

Email is best

### Use of cell phones

Cell phones should not be used other than during appropriate breaks or emergencies. Please communicate with me if you need to use your phone.

## Attendance/Tardiness Policy

Roll will be taken at the beginning of each class and also at the end of each class after cleanup (return to the classroom for roll call). Staff will note when students leave early for break or return late from break and that time will be deducted from attended class hours.

## Testing

Tests and quizzes will be written and or practical throughout the term.

## Grading

Grading is based on evaluation of skill competency on lab assignments and practical quizzes-70%.

Quality of research evident in homework assignments: written quizzes and tests-30%.

* Attendance: The highest grade you can earn will reflect on the percentage of classes you are present and engaged in. This is regardless of the scores of tests and daily assignments. If you are more than 10 minutes late to class, you will be counted as absent for the day.
* If you think you will be late you need to email the instructor to let them know you may be late.
* You will be able to make up **excused** absences at a rate of **1.5hrs per 1 hour** missed of class. These hours must be documented as well as signed by an instructor at the start and end time.
  + Ex… if you are present 82% of the classes you will be able to earn a B.

### Late Assignment Policy

Assignments will be accepted late only under prearranged circumstances.

# 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

## 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](https://www.linnbenton.edu/cfar) 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](https://linnbenton-advocate.symplicity.com/public_report/index.php/pid073717?) 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](http://www.linnbenton.edu/public-safety-emergency-planning):

In an emergency, call 911. Also, call LBCC Campus Security/Public Safety at [541-926-6855](tel:(541)%20926-6855) and [541-917-4440](tel:(541)%20917-4440).

From any LBCC phone, you may alternatively dial extension 411 or 4440. LBCC has a [public safety app](http://lbccpublicsafety.mobapp.at/landing/Desktop) 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.

# Campus Resources

## Library

Computers and printing available

# 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, or through LBCC e-mail.

**WD4.242 Fabrication and Repair 1 Required Items**

1. Required items: Furnished by the student

**Textbook:** “Modern Welding Technology”, by Howard B. Carey.

Safety glasses

Leather welding gloves

High top boots or shoes (no tennis shoes)

Suitable clothing that is nonflammable

Notebook or folder with paper for taking notes

Ear plugs (recommended)

25’ x 1” tape measure

Welding cap

Slim line soap stone or Silver Pencil

Combination square

Oxy Goggles

16oz Ball Peen Hammer

Center Punch

11R Finger clamp

Tip Cleaner