

Linn-Benton Community College  
**BASIC PRINT READING: WELDERS**  
**CRN: 20616**

**Syllabus for Virtual Class**

Instructor: Ric Costin	Course Number: WD4.258
Phone: 541.917.4773	Office: TBA
Email: costinr@linnbenton.edu	Office Hours: T/TH 2:00 - 3:50

**Course Description:**

Introduces principles of welding fabrication drawings. Visualization of parts and projects, dimensioning and sketching are presented to develop the skills necessary to function in the fabrication and repair field and other related fields that require knowledge of prints.

This course will be presented using a combination of Moodle and Zoom, along with a 3-ring binder that will be the delivery method for completed assignments as well as graded assignments to be returned. You will pick up the folder at the beginning of each week in a designated area in the welding shop. You are responsible for the cleanliness and organization of the notebook and will be graded accordingly.

**NOTE: When noted, you will be able to do the assignment on a piece of paper (8.5 x 11 printer paper or notebook paper), take a photo of it on your phone and submit it via email to costinr@linnbenton.edu.**

**Learning Outcomes:**

- Upon successful completion of this course, the student will be able to:
- Recognize line types on blueprints.
- Interpret information present on blueprints.
- Name the views shown on blueprints.
- Sketch missing views on blueprints.
- Produce missing dimensions.
- Prepare a Cut List from a blueprint.

**Required items: Furnished by the student:**

- Ruler - (18" long recommended)
- Mechanical Pencil (0.5 or 0.7)
- Eraser (soft)
- Paper for notes

**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.

- Attend Zoom sessions when scheduled.
- Be respectful to EVERYONE in the Virtual classroom.

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.

If work turned in is detected to be a “shared document,” both participants will receive a zero on the assignment.

**Guide for communication:**

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

**Attendance/Tardiness Policy:**

Because this is a virtual class, when requested via a Zoom request, you are required to attend unless otherwise stated. It counts as attendance.

**Grading:**

50% of final grade will be based on attendance of requested Zoom meetings.

20% will be based on midterm and final exams

30% will be based on homework assignments

- 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

**Late Assignment Policy:**

- Unless previously arranged late assignments will not be accepted.
- Incompletes are not given.
  - Employers don't accept late work, why should I?

**College Policies:****LBCC Email and Course Communications**

You are responsible for all communications sent 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.

## **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.

*Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Roadrunner Resource Center for support ([resources@linnbenton.edu](mailto:resources@linnbenton.edu)), or visit us on the web [www.linnbenton.edu/RRC](http://www.linnbenton.edu/RRC) under Student Support for Current Students). Our office can help students get connected to resources to help.*

## **BASIC PRINT READING: WELDERS**

Course Weekly Outline (subject to change)

### **Week 1**

D1 - Introductions, go over syllabus. Blueprint pretest, How to read a tape measure slideshow. Q & A about this class and anything in the welding program.  
D2 - Unit 1 powerpoint, unit 1 Review A in class & line type quiz.

### **Week 2**

D1 - Unit 2 powerpoint, unit 1 review test. Unit 1 review B due end of class.  
D2 - Complete Unit 2 review in class, Unit 2 review test.

### **Week 3**

D1 - Missing line quiz, draw the line quiz & unit 3 powerpoint  
D2 - Unit 3 review test. Surface quiz.

**Week 4**

D1 - Line type matching quiz, Unit 4 powerpoint. Unit 4 review A in class. Unit 3 review due end of class.

D2 - Missing line worksheet, Unit 4 review B in class, Unit 4 review test.

**Week 5**

D1 - Unit 5 powerpoint, Unit 5 review A in class, unit 5 review test. Unit 4 Summary review No.1 due.

D2 - Dimension worksheet, due end of class.

**Week 6**

D1 - Surface quiz, Unit 6 powerpoint. Go over Dimension worksheet in class. Unit 5 review B&C due end of class.

D2 - Unit 6 Review A&B in class. Ortho drawing slideshow, drawing due end of class.

**Week 7**

D1 - Unit 6 review C,D&E due end of class. Unit 6 review test, Unit 7 powerpoint

D2 - Unit 7 review A&B in class, drawing small weldments in class. Part name quiz

**Week 8**

D1 - Unit 7 C&D due, Unit 7 Review test

D2 - Unit 8 powerpoint. Unit 8 review test, drawing small weldments in class.

**Week 9**

D1 - Unit 9 powerpoint, Structural shape quiz. Unit 8 review A,B&C due end of class.

D2 - Unit 9 review test. Title block test. (if holiday move to next week)

**Week 10** - - Unit 9 review due end of class. Review the term, get ready for the final...what do you want to know more about?