Linn-Benton Community College

**FABRICATION**

**Prints and Projects**

## Instructor: Nick Collins Course Number: WD4.199

## Phone: (541) 917-4687 Office: IC 103A

## \*Email: [collinn@linnbenton.edu](mailto:collinn@linnbenton.edu) Hours: By Appointment

## CRN: 44145 Classroom: IC 103

**Course Description**

# **WD4. 199 Fabrication Prints and Projects - Credits (4)**

Incorporates blueprint interpretation skills to build projects from instructor provided prints and student drawn prints. May include the use of professional fabrication tools in a production shop environment.

### **Prerequisite**

# WD4. 257 Fab/Repair: Applied Prob Solve with a grade of C or better or instructor approval.

### **Offered**

Offered Spring only

### **Outcomes**

Interpret a blueprint and build to a specific tolerance.

Critically assess materials and tools needed to accomplish a project.

Weld using industry standards and possible welding code standards.

Correctly set machines and equipment per requirements.

**Textbook**

For the first few weeks of this term we will be continuing with ToolingU courses on a strictly online basis. Once restrictions are lifted and regular class starts there is NO text required.

**Communication**

If you are going to be late or absent from class it is your responsibility to communicate with the instructor and to schedule time to make up the hours missed to ensure completion of the course. I prefer email as my number one form of communication. If you don’t have access to email right away and need to let me know you won’t be attending class please call and leave me a voicemail or let another student know to tell me you will be late or absent.

**Grading**

* 1. 50% of grade will be determined by performance on daily welding tasks, written assignments, homework, and quizzes.
  2. 50% of your grade will be determined by performance on midterm and final examinations.
  3. **Highest grade you can earn for class is a reflection of the % of your attendance.**
  4. There will be a final exam.
  5. **All assigned homework must be turned in, regardless if it is late or on time. Failure to turn in all assigned homework will result in an INC for this class.**
  6. **There is an online training component for this class. The % of modules completed will reflect on the highest eligible grade you can earn for this class.**

**Homework**

Given the circumstances of this term all homework will be in the first weeks of class and are to be completed online using Miller Openbook as described in the textbook section of the syllabus. With a tighter timeline and restrictions for Spring term all homework must be completed by the due dates assigned in the course outline below.

**Safety**

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 boots or shoes, etc.) during the lab time.

**NOTE:** The instructor will verbally warn the student when required safety items are not being worn in the shop, or when safety procedures are not being followed. Repeated safety violations may require the student to be withdrawn from the course by the instructor. Three strikes and you’re out. Third warning could result in being dismissed from the class.

**Personal Communication Devices**

All personal communication devices must be turned off or kept on silent (NOT VIBRATE) during all classes and lab times. If personal communication devices are used or go off during class or lab time, your final grade could be reduced by a full letter grade. This includes texting.

**Disabilities Services and Emergency Planning – Meet With Instructor Week 1**

If you have emergency medical information for your instructor, need special arrangements to evacuate campus, or have a documented disability; please meet with your instructor, by appointment, no later than the first week of the term to discuss you needs. If you have a documented disability that will impact you at college and you seek accommodations, contact the Office of Disability Services (ODS) for intake and to document your disability with LBCC. Then each term, at least two to three weeks prior to the start of classes, submit your “Request for Accommodations” form to ODS and pickup instructor letters. ODS may be reached from any LBCC campus/center by email to [ODS@linnbenton.edu](mailto:ODS@linnbenton.edu) or by calling 917-4789. Letter pickup is available at each LBCC campus/center.

**LBCC Comprehensive Statement of Nondiscrimination**

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. (for further information [http://po.linnbenton.edu/BP1015 - Nondiscrimination and Nonharassment Policy.pdf](http://po.linnbenton.edu/BP1015%20-%20Nondiscrimination%20and%20Nonharassment%20Policy.pdf))

**Center for Accessibility Resources**

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.

**Fabrication Prints and Projects**

**Course Weekly Outline**

## **Week 1 Online: ToolingU - Visit ToolingU for more information and due dates**

## **Week 2 Online: ToolingU - Visit ToolingU for more information and due dates**

**Week 3 Online: ToolingU - Visit ToolingU for more information and due dates**

**Week 4**

**Week 5**

**Week 6**

**Week 7**

**Week 8**

**Week 9**