



Pre-Fab Lab Questionnaire

Name:

Date:

Writing, Rhetoric, & Multimedia Authoring (ENGL 3374)

What existing knowledge do you have about the Fab Lab?

Competency rating of fabrication technologies a scale from 1-5

- 1-Very poor
- 2-Poor
- 3-Average
- 4-Satisfactory
- 5-Excellent

Assessment of skill (Describe your competency rating of fabrication technologies)

Have you ever thought or felt a need to invent, design, fabricate, build, and/or deliver some “thing” in order to express a solution to solve a problem? If so (or not), describe:

When working with institutional (classroom) projects and assignments, how have you needed to perform any of the following: identify the project requirements including time and financial constraints and materials; creating and testing prototypes; and, revising and modifying designs?

How have you needed to document time-management best-practices, including outlining project milestones and critical paths, building in extra time for prototyping, revisions, and failures in institutional (classroom) projects and assignments?

In thinking about previous institutional (classroom) projects and assignments, in what ways have you selected the best tools and materials for the project/assignment or have you sought alternative tools or materials when a required tool or material is not available?

How have you demonstrated and documented an understanding of intellectual property rights and ethical decision making issues in institutional (classroom) projects and assignments?

What safety precautions have you had to use when engaged in institutional (classroom) projects and assignments, such as using specific equipment and materials, including wearing personal protective gear?

How have you transferred knowledge gained into the workforce, community, and real-world situations by teaching what you've learned from institutional (classroom) projects and assignments to other students, employers, friends, and family?