IPRO 333: Fab Lab
Ethics Code

Overarching Principle

Create and establish a contemporary, integrated suite of idea-to-design-to-prototype activities and projects that energize MSI's specialized audiences.

Law and Regulation

Pressure: Get feedback from educational institution
Risk: Conducting research surveys without the proper IRB certification

Pressure: Create original and useful projects for use in the Fab Lab
Risk: Taking ownership of others intellectual property

Canon: **Conduct all of the necessary steps when doing primary and secondary research in terms of procedures and use of copyright materials.**

Contracts

Pressure: Meet expectation of the IPRO program and our professor
Risk: receiving a poor peer review and grade for the semester

Pressure: Produce as much as possible to help the Fab lab and increase its potential
Risk: overextending our capabilities as a group in an attempt to solve all of the noticeable problems

Canon: **Establish a scope of work that reflects the needs of the Fab Lab. Hold each student responsible for managing the completion of their tasks.**

Professional Codes

Pressure: Create an enduring partnership with MSI
Risk: Taking advantage of the access privileges to the museum and the lab

Pressure: Experiment with projects that could be implemented into the Fab lab
Risk: Using the budget on things that are not ready to be purchased

Canon: **Seek relevant solutions so that time and money can be invested wisely**

Industry Standards

Pressure: Meeting educational standards in project design
Risk: Not having the interest of schools or educational groups

Pressure: Provide an open access approach to the Fab Lab
Risk: Relying only on the progress of other labs instead of seeking unique solutions

Canon: **Research and categorize educational standards, curriculum charts as well as meet with respective representatives in order to gain insight applicable to each project.**

Community

Pressure: Marketing and operating the Fab lab in a way that allows the MSI, CPS, and all Chicago land communities embrace the lab's potential
Risk: Doing what is easy and fast to get projects done, without considering their application

Pressure: Develop a product that will function as designed and aid in the role of education
Risk: Writing projects that do not help the user understand the functions and capabilities of the tools in the Fab Lab

Canon: **Take into consideration how all actions and campaigns for the Fab lab will be interpreted by the community and stakeholders of the Fab lab by actively seeking input and opinions from these groups within the community.**

Personal Relations

Pressure: Take into account the Fab lab and its users
Risk: Making assumptions based solely upon our observations because on a lack of communication or input from the respective users

Pressure: Coordinate efforts of MSI with IIT to accomplish the goals of the Fab Lab
Risk: Not forming a good business relationship to assist in the success and continuation of the IPRO

Canon: **Create good channels of communication with the lab directors as well as with other staff at MSI, while gaining knowledge of what is expected from our group, and working continuously to achieve all goals and meet all expectations.**

Moral Values

Pressure: Use survey results to inform decisions about which projects to pursue
Risk: Asking leading questions in surveys that point towards the projects we want to develop, rather than the projects we she should develop

Pressure: Design projects that use the full capabilities of the Fab Lab tools.
Risk: Not considering safety risks involved in making our projects or design a project we know to be harmful.

Pressure: Respond to the wishes of the Fab Lab employees.
Risk: Not being honest with the Fab Lab about what we can accomplish.

Canon: **Take the responsibility to design safe projects as well as maintain honesty with our survey takers and partners at the Fab Lab.**