# 06 AI Summary

Monday, January 29, 2024      8:41 PM

### Upcoming Activities and Projects

Jean Hertzberg led a discussion about upcoming activities and projects. She mentioned that Rachel Sharp, an engineer from ITLL, would be speaking about the facilities available. Jean also mentioned a project called "upcycle", where participants are encouraged to give feedback. Furthermore, Jean spoke about a seminar she would be giving at Penn State about teaching art in engineering. She also mentioned a guest lecture by Zack Weaver scheduled for March 8th and hinted at one or two more guest lectures in March. Finally, Jean encouraged students to use the Slack Workspace for better communication and shared some technical advice about presenting on Zoom.

### Introducing the Itll Laboratory and Support Team

Rachel Sharpe, an engineer for the Itl program, introduced the program and its physical resource, the Integrated Teaching and Learning Laboratory (Itll). Rachel shared that the Itll is a hands-on space for students across engineering disciplines to collaborate on projects. She highlighted the large engineering support team available to assist with technical questions. Rachel also clarified the Itll's operational hours, tour schedules, and the process for accessing resources and workshops. She mentioned that the first space in the Itll is the launch point, where student staff members are available to help.

### Innovation Studio Resources and Workshops Overview

Rachel Sharpe presented an overview of the various resources and equipment available at the Integrated Teaching and Learning Lab (Itll). She highlighted the addition of 20 new Prusa 3D printers and numerous laser cutters, emphasizing the need for workshops to learn how to use these resources. She also mentioned the relocation of consumables materials and introduction of a Project Vault open 24 hours. Jean further discussed the manufacturing center, the electronics center, and the electronic fabrication center. She also touched on the Project Depot, lab spaces, and a variety of equipment including sensors, material testing machines, and printers. She encouraged attendees to visit the Itll website for more information and to sign up for workshops.

### Upcycling Project Progress Check-In

Jean Hertzberg discussed a project involving upcycling, encouraging participants to use various resources available to them. She emphasized the importance of using quality materials such as clean cardboard and offered guidance on sourcing materials like wine corks and bike parts. She also

conducted a poll to assess the participants' progress in their upcycle projects. The discussion concluded with a word cloud exercise to understand the materials and aesthetics being considered for the upcycle projects.

## Upcycling Materials and Aesthetics Discussion

Jean Hertzberg led a discussion about the materials and aesthetics that people will be working with. She emphasized the difference between material and aesthetic, and encouraged participants to consider their upcycle aesthetic. The discussion included a poll about the use of Lego as an upcycle material and a review of the various aesthetics suggested by participants, such as minimalist, industrial, outdoorsy, workware, steampunk, and more. Jean also reminded participants not to use weapons in their projects.

## Materials, Projects, and Breakout Sessions

Jean Hertzberg led a discussion about previous years' materials and projects, and suggested that participants divide their time to talk about their current projects in small groups. She decided to create breakout rooms for this purpose, with the intention of allowing everyone a chance to speak. Jean also mentioned a future session about team behaviors in groups. She then guided the attendees to the website where lecture notes are posted, highlighting the due dates for upcoming assignments.