

Invention and Inclusive Innovation (i3) Program

Date, meeting

Overview

- What is it?
- Timeline
- Why should you be involved?
- Questions

What is i3?

- Grant in partnership with MIT-Lemelson
- Focus on entrepreneurship in multiple subject areas for social good
- Focus on use of the KCI makerspace
- Selected Foothill faculty will integrate curriculum into one class

What is i3?

“

one who organizes, manages, and assumes the risks of a business or enterprise

”

“Entrepreneur.” *Merriam-Webster.com Dictionary*, Merriam-Webster, <https://www.merriam-webster.com/dictionary/entrepreneur>. Accessed 7 Nov. 2022.

What is i3?

Curriculum has six modules in a Canvas shell

1. Introducing i3 and Building Teams
2. Identifying Problems and Initial Ideation
3. Research and Analysis
4. Solutions and Application
5. Prototype Development
6. Launch

What is i3?

Core Team

1. Justin Sewell - Project Lead
2. Kas Pereira - Makerspace co-lead
3. Rachel Okazaki - Makerspace co-lead
4. Jordan Fong - Faculty i3 Coach and Coordinator
5. Laurence Lew - Faculty i3 Coach and Coordinator

Timeline

Fall Quarter

- Design makerspace and i3 PL
- Recruit Foothill Faculty
- Create process for large-scale use of the makerspace

Winter Quarter

- Up to 10 Foothill Faculty participate in PL from 3 pm to 5 pm on:
 - 01/12, 01/19, 01/26, 02/02, 02/09, 02/16
- Design project to implement in class using i3 Curriculum

Spring Quarter

- Implement project in 1 class at a minimum
- Evaluate program
- Top projects present at Entrepreneurship Event

Timeline

Description of Winter Quarter Training

- January 12 - Introduce i3 Curriculum and Entrepreneurship thinking (Modules 1 and 2)
- January 19 - Training on Makerspace machinery (Vinyl cutter, 3D Printing, Laser cutting)
- January 26 - Training on Makerspace machinery (Vinyl cutter, 3D Printing, Laser cutting)
- February 2 - Training on Makerspace machinery (Vinyl cutter, 3D Printing, Laser cutting)
- February 9 - Module 3 and 4 deep dive and think about project
- February 16 - Module 5 and 6 deep dive and project design

Why should you be involved?

- Look for up to 10 Faculty in all different departments
- Stipend - \$3,000
- Want to change curriculum
- Want to try project-based learning
- Want to engage with the makerspace
- Want to inspire students to think differently

Reach out to Justin if you're interested (sewelljustin@fhda.edu or jsewell@krauseinnovationcenter.org)