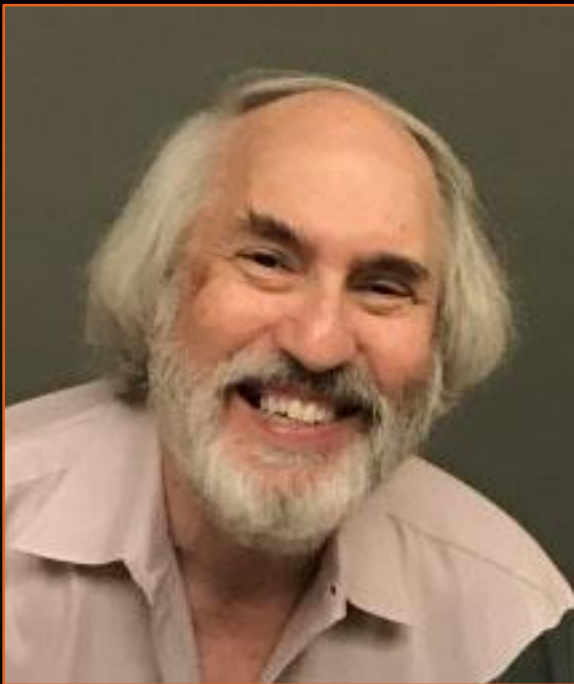


March 11, 2025  
*End-of-term Student Team Project Presentations*



# ENGR110/210

## Perspectives in Assistive Technology



David L. Jaffe, MS  
Instructor

19  
Years

# Questions, Comments, Suggestions, or Concerns?



Please notify me of your comments, suggestions, and concerns so I can explain / address / correct them before the end-of-term course evaluation.

# Week 10 Class Sessions

- ▶ Tue, Mar 11<sup>th</sup>  
End-of-Term Student Team Project Presentations



- ▶ Thu, Mar 13<sup>th</sup>  
Student Team Project Demonstrations  
Burritos



# Reminder - Work with Extreme Diligence



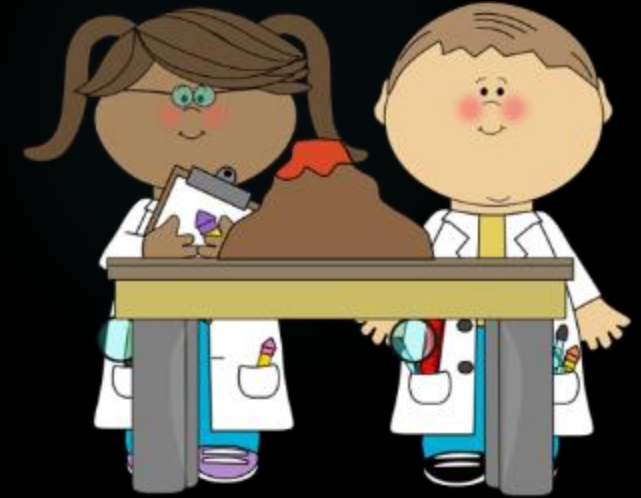
- ▶ Time is your most precious resource
- ▶ End-of-term project demonstrations - Thursday, Mar 13<sup>th</sup>



# Project Demonstrations - Thursday

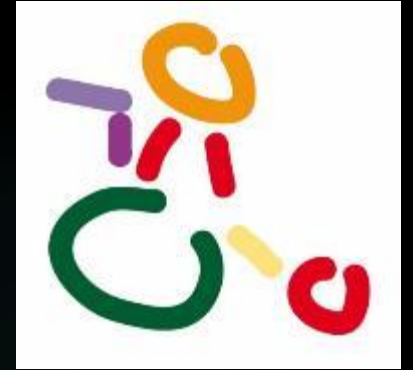


- ▶ Bring all prototypes to class
- ▶ Meet in classroom to fill out a course evaluation form
- ▶ Project demonstrations in outside on patio
- ▶ No posters or handouts - informal "trade show" presentations
- ▶ Demonstrate prototype's functionality
- ▶ Make sure the Teaching Team checks it out
- ▶ Check out other teams' projects
- ▶ Enjoy burritos & drinks
- ▶ Community members will attend
- ▶ Invite project suggestors, users, friends who contributed to your project's success
- ▶ Bring laptop to show additional videos and images of your process

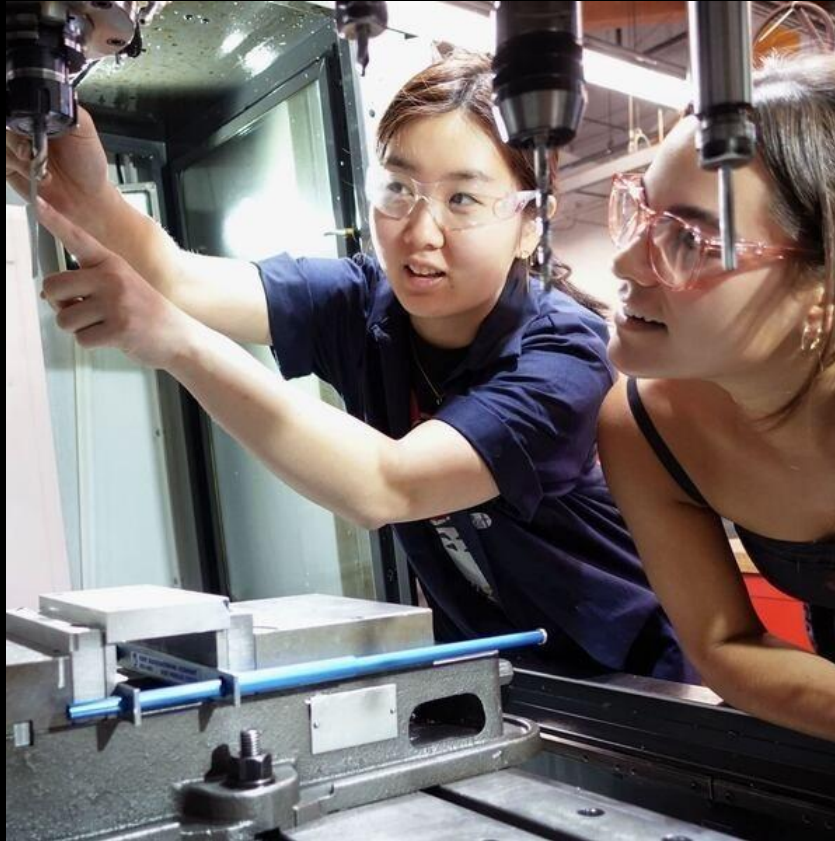


# Prototype Considerations

- ▶ Your prototype should be functional, but not necessarily ready for market
- ▶ Contingency plans if things don't work out
- ▶ Add a team or Stanford logo
- ▶ Never apologize for what you did or what you were not able to achieve
- ▶ Mention future plans
- ▶ Remember "Everything is a prototype"



# Meet the Makers



Wednesday, March 19<sup>th</sup>  
9:30 - 11:00am  
Peterson Building Atrium





- Food & Drink Signup

[illegible]

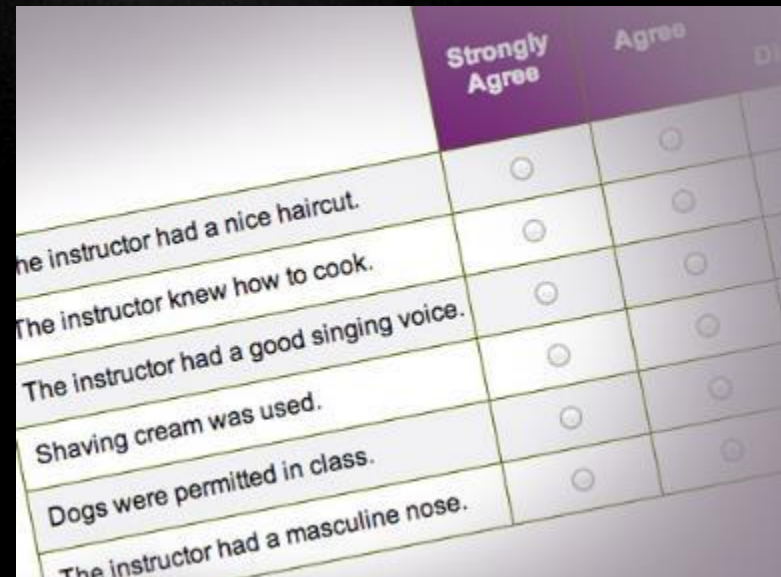
# Course Evaluations



Survey:  
Excellent: ☒  
Good: ☐  
Fair: ☐  
Poor: ☐



1. Dave's in-class evaluation on Thursday - bring your laptop
2. Cardinal Course Student Survey (Administered in class March 4th)
3. Course Evaluation Team - online on your own - "your feedback is very important" - anonymous responses



	Strongly Agree	Agree	Disagree
The instructor had a nice haircut.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor knew how to cook.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor had a good singing voice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shaving cream was used.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dogs were permitted in class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructor had a masculine nose.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# End-of-term Report



- ▶ Cover your entire quarter's work
- ▶ Include material from mid-term report
- ▶ Consider mid-term report mark-ups
- ▶ Due **Monday, March 17<sup>th</sup>**



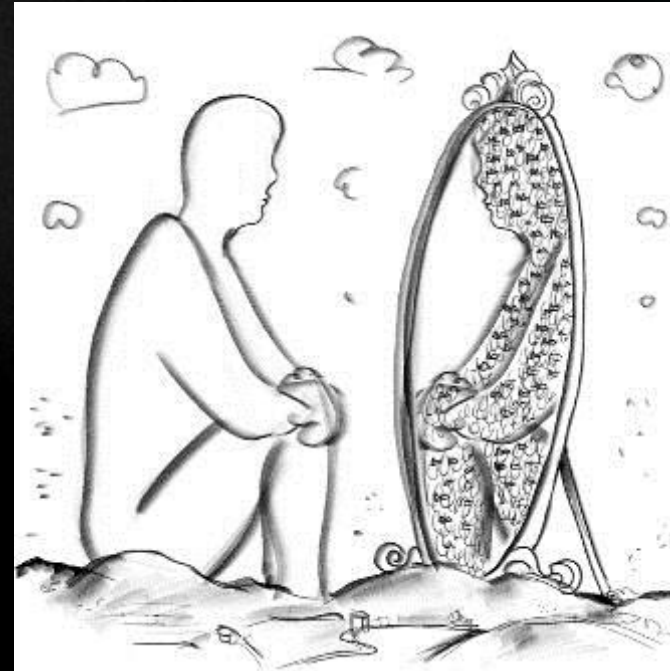
# Individual Reflection



- ▶ How you felt about your course, project, user, team experience
- ▶ Due **Monday, March 17<sup>th</sup>**

We do not learn from  
experience... we learn  
from reflecting on  
experience.

- John Dewey



# Online Scoring Form



## **2025** 10a - Anonymous Scoring Sheet for End-of-term Student Team Project Presentations

Thank you for attending this year's end-of-term student team project presentations for ENGR110/210. Eight student teams have been addressing problems experienced by individuals with disabilities or older adults and have been working to understand the problem, brainstorm, design, fabricate, and test a prototype device or software to meet an identified challenge. The teaching team would appreciate your assistance in judging the quality of the students' project and presentation efforts. Please read the criteria below and submit your scores, suggestions, and comments.

Everyone is welcome to  
evaluate the teams'  
presentations

Do not score your team's  
presentation

<http://engr110.stanford.edu/10a>

# Paper Scoring Form



**Mid-Term Student Team Project Presentations**  
**ENGR110/210: Perspectives in Assistive Technology - 2022**

*Please fill out with a pen. Tuesday, February 8, 2022 Please write legibly.*

I am: ☐ - a student, ☐ - faculty member, ☐ - community member, ☐ - other: \_\_\_\_\_

Thank you for attending this year's mid-term student team project presentations for ENGR110/210. Student teams have been addressing problems experienced by individuals with disabilities or older adults and have been working to understand the problem, brainstorm, design, fabricate, and test a prototype device or software to meet an identified challenge. The teaching team would appreciate your assistance in judging the quality of the students' project and presentation efforts. Please read the criteria below and submit your scores, suggestions, and comments. Use a pen and print legibly as your comments will be disseminated to the project teams.

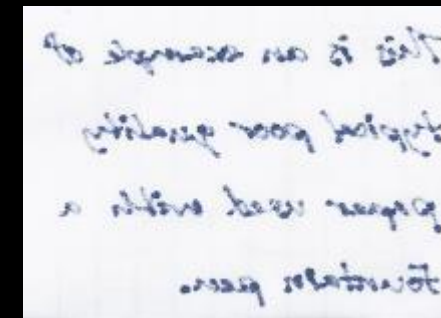
- Judge the overall quality of the presentation, design process, prototyped concepts in the following areas:
  - Presentation & Delivery:** Presentation: (What the team presented) - clarity, organization, and completeness of the information presented. Delivery: (How the team presented) - professionalism, enthusiasm, conviction, confidence, energy, volume.
  - Process:** (How the team addressed the problem) - problem information, background research, design concepts brainstormed, prototyped, tested, and evaluated.
  - Design:** (What the team produced) - creativity, originality, functionality of the design concept(s), and the likelihood it will meet the user's challenges.
  - Overall:** (Overall score) - combined impression of presentation and project effort
- Use these metrics: Ⓢ = Excellent Ⓞ = Very Good Ⓤ = Good Ⓦ = Fair Ⓟ = Poor  
Top 10% Top 25% Middle Bottom 25% Bottom 10%
- Please provide your comments and suggestions about the course, this mid-term presentation, and the overall evaluation process. Thank you for your participation!

Everyone is welcome to evaluate the teams' presentations

Do not score your team's presentation

Please use a pen that doesn't bleed through the paper and has a legible font

1. Team / Project: <b>CLICK</b>		Belt Buckle Project for Danny	
<b>Comments:</b> What are your <b>LIKES</b> and <b>WISHES</b> about what the team accomplished, and what are your comments, suggestions, and advice for them?			
Presentation & Delivery	Process	Design	Overall
Ⓢ Ⓞ Ⓤ Ⓦ Ⓟ	Ⓢ Ⓞ Ⓤ Ⓦ Ⓟ	Ⓢ Ⓞ Ⓤ Ⓦ Ⓟ	Ⓢ Ⓞ Ⓤ Ⓦ Ⓟ



# Order of Presentation on Tuesday



1. **Radiant Rollers** – Enhanced Visibility
2. **Water Lilies** – Magical Bridge Playground (1)
3. **Paw Patrol** – Laptray Artwork Easel
4. **Simple Stash** – Laptop Storage
5. **Water Wizards** – Water Bottle Opener
6. **Scoop Squad** – Poop Management
7. **IP68** – Rain Shield
8. **Sensory Seven** – Magical Bridge Playground (2)
9. **Hydro Hold** – Universal Water Bottle & Phone Holder

# Student Team Project Presentations



- ▶ End-of-term Team Project Presentations
  - ▶ 8-minute presentations:
    - ▶ Tell the entire story
    - ▶ Be concise
    - ▶ Employ descriptive photos
    - ▶ Avoid every last detail
    - ▶ Show your prototypes as slide images
    - ▶ Practice for timing, where to stand, etc
    - ▶ Use slide presenter to advance slides



# Student Team Project Presentations



Student project teams have selected a challenge or problem experienced by individuals with disabilities or older adults and have been working to understand, research, brainstorm, design, fabricate, and test prototype devices or software to meet the identified challenge. Each team will now present their end-of-term project progress.

Sorry, there will not be time for questions today. Save them for Thursday!

# Online Scoring Form



## **2025** 10a - Anonymous Scoring Sheet for End-of-term Student Team Project Presentations

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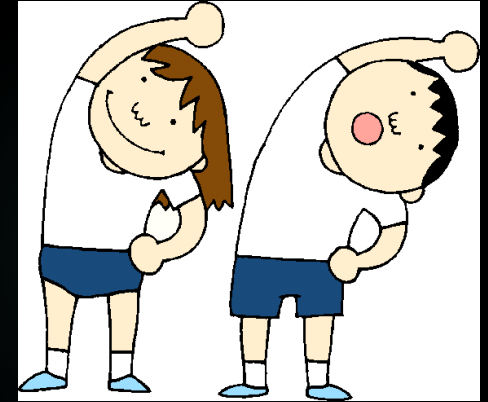
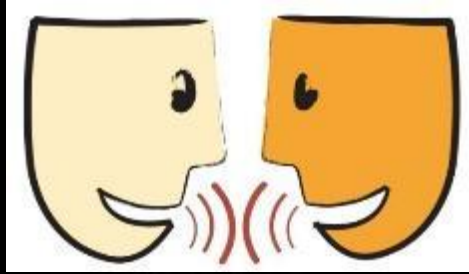
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Do not score your team's  
presentation

<http://engr110.stanford.edu/10a>

# Break Activities

- ▶ Stand up and stretch
- ▶ Take a bio-break
- ▶ Text message
- ▶ Web-surf
- ▶ Respond to email
- ▶ Talk with classmates
- ▶ Reflect on what was presented in class



# Short Break

