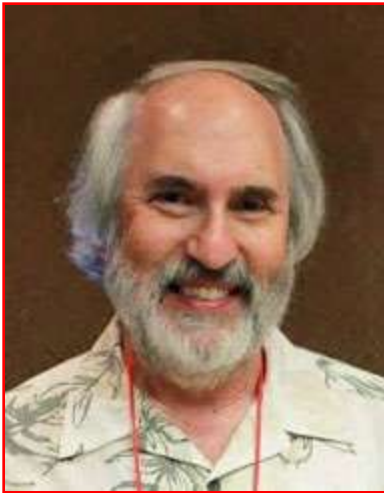


March 3, 2016

# ENGR110/210

## Perspectives in Assistive Technology



David L. Jaffe, MS

Instructor

**NO TECH-ZONE**



**NO CELL PHONES, TABLETS, LAPTOPS,  
OR SMART DEVICES PERMITTED  
VIOLATORS SUBJECT TO \$300 FINE**

SAN FRANCISCO RECREATION & PARK DEPARTMENT

# Questions, Comments, Suggestions, or Concerns?



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



# Signup to Meet with Dave

- 15 minutes
- 1 spot before class
- 1 spot after class
  
- Report team project progress
- **Make up missed lectures**

Date & Time	Team Name & Specify 15 minute block
<b>Wednesday – January 21<sup>st</sup></b>	
Morning – 8:30am – 10:45am	
Afternoon – 1:00pm – 4:30pm	
<b>Thursday – January 22<sup>nd</sup></b>	
Morning – 8:30am – 11:30am	
Afternoon – 1pm – 2:30pm	
Before class – 3:45pm	
After class – 5:45pm	
<b>Friday – January 23<sup>rd</sup></b>	
Morning – 8:30am – 11:00am	
<b>Monday – January 26<sup>th</sup></b>	
Morning – 8:30am – 11:30am	
Afternoon – 1pm – 4:30pm	
<b>Tuesday – January 27<sup>th</sup></b>	
Morning – 8:30am – 11:30am	
Afternoon – 1pm – 2:30pm	
Before class – 3:45pm	
After class – 5:45pm	

# Sign-up for Burritos & Drinks

**End-of-Term Celebration  
Food and Drink Signup  
Thursday, March 10<sup>th</sup>**

Choose one burrito and one drink item

Burrito		
Veggie	Chicken	Beef
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Drink		
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For both students and community members



# Week 10



- Tuesday - Final presentations
  - Cover your entire quarter's effort
  - Tell the entire story, but focus on what you have achieved since the mid-term
  - Emphasize how your project addresses the problem
  - 5 minutes, no demos, no audience questions
  - Show your prototype in your slides – point to features
  - **Email PowerPoint slides to Dave by Tuesday noon**
  - One video of prototype in use
    - Upload video to YouTube and include its link in your slides
  - Dress professionally
  - Be prepared to evaluate other teams' presentations

# Dress Professionally

- No t-shirts, sweatshirts, hoodies
- No flip-flops, sandals
- No shorts, jeans, holes in pants
- No baseball caps



No Jacket  
Required



“Each item of clothing  
makes a statement about  
who you are”

“Dress for the grade  
you want”



# Perform Professionally

- Starting now, you will be evaluated as a professional, no longer as a student



# Presentation Order

## Student Team Final Presentations

1. **Team Magicians** - Magical Bridge Playground Project
2. **Fairing Well** - Aesthetic Brace Fairing Project
3. **Magic Makers** - Magical Bridge Playground Project
4. **Swift Engineering** - Aesthetic Brace Fairing Project
5. **Team Memori** - Designing Your Afterlife
6. **Walkabout** - Improved Walker Project
7. **Team Supreme** - Power for Veterans Project
8. **Game Plan** - Improved Walker Project
9. **Brace for Impact** - Knee Brace Project
10. **Engineering Empathy** - Support System to Destigmatize Mental Health in the Black Community
11. **Sachi-on-the-Ko** - iPhone and Me Project
12. **One More Mile** - Jogging and Running Aid for the Blind and Visually Impaired





# Week 10



- Thursday – Project demonstrations

- Bring all prototypes to class
- Meet in classroom to fill out a course evaluation form
- Gibbons Grove (if not raining) – tables and picnic benches
- No posters or handouts – informal presentations
- Demonstrate prototype's functionality (make sure I check it out)
- Check out other teams' projects
- Burritos & drinks
- Community members attending & Design Group Happy Hour
- Invite project suggestors, users, friends who contributed to your project's success
- Bring laptop to show additional videos and images of your process (charge laptop, no AC available)



# Project 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"



# Course Evaluations

1. Dave's in-class evaluation on Thursday
2. VPTL's evaluation - online
3. Haas Center for Public Service Cardinal Course - Student Survey – [online](#)

# Final Report

- Cover your entire quarter's work
- Include material from mid-term report
- Consider mark-ups
- Due Monday, March 14th

# Individual Reflection

- How you felt about your course, project, team experience
- Due Monday, March 14th

# Today



Ralf Hotchkiss

**Wheelchair Fabrication in Developing Countries**



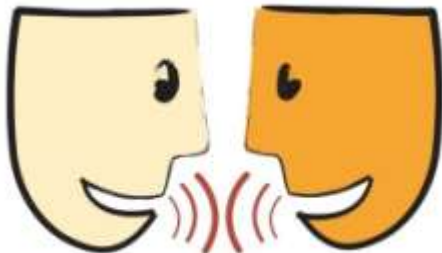
# Short Break



# 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



Class  
Dismissed!

