

March 11, 2014

# ENGR110/210

## Perspectives in Assistive Technology



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# Everyone: Please fill out today's Final Student Team Project Presentation Evaluation Form

Use a pen & write legibly

**Final Student Team Project Presentations**  
**ENGR110/210: Perspectives in Assistive Technology**  
 Tuesday - March 11, 2014

Thank you for attending this year's end-of-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 research, brainstorm, design, fabricate, and test a prototype device or software to meet an identified problem. The teaching team would appreciate your assistance in judging the quality of the students' project 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.

The student teams' presentations should include the following points:

0. Introduction of team members including team and project names
1. Background: statement and magnitude of problem
2. Interviews with project suggestors and users who would benefit from a solution
3. Identification and determination of need
4. Research of existing solutions and discussion of their limitations
5. Brainstorm activities: description and visualization of design concepts considered and prototypes built
6. Description of designs: technical feasibility, engineering difficulty, estimated cost, user acceptance, functionality, performance, safety considerations, tradeoffs, etc
7. Current project activities and status, including challenges encountered
8. Plans for the remainder of the quarter

Judge the overall quality of the presentation and the design process and concepts using the following metrics.

**Delivery:** enthusiasm, confidence, energy, volume, professionalism  
**Process:** problem identification, background research, design concepts brainstormed and prototyped, project progress  
**Presentation:** clarity, organization, and completeness of the information presented  
**Design:** creativity, originality, functionality of the design concepts and the likelihood they will meet the user's needs

**ENGR110/210 Student Team Projects Scoring Sheet**

Please use the following scores: 5 – Excellent 4 - Very Good 3 – Good 2 – Fair 1 – Poor

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

<b>1. Team / Project:</b>	<b>Team Kinect / Project Employing Microsoft Kinect Controller</b>																								
<b>Comments:</b>	What did the team learn, what are your LIKES and WISHES about what they did, and what are your recommendations, suggestions, and advice for the team? (C)06880, S68800, Trevor! K6605, Melissa S6550300-Martinez																								
	Delivery			Process			Presentation			Design															
	U-5	U-4	U-3	U-2	U-1	U-5	U-4	U-3	U-2	U-1	U-5	U-4	U-3	U-2	U-1	U-5	U-4	U-3	U-2	U-1					

# Request Report / Reflection Extension

- The end of the quarter is a busy time for students.
- If you need an extra day or two to complete and perfect your Final Report or Individual Reflection, you may request an extension.



# Make up Missed Lectures

- Please arrange to meet with me to discuss options to make up missed lectures

# Upcoming Class Sessions

- Thu – Mar 13<sup>th</sup> – Project Demos, Course Evaluation, and Celebration
  - Meet in classroom, fill out course evaluation
  - Informal, interactive project demonstrations outside (with food & drink)
  - Last day to request “Conditional Incomplete”
- Mon – Mar 17<sup>th</sup> – Final Reports and Individual Reflections due
- Tue – Mar 25<sup>th</sup> – Grades due at midnight

# Notes to Community Members

- Projects represent eight weeks of student team effort
- Devices are meant to be prototypes, not market-ready
- Some devices address a single user's problems, so they would have a limited market

# Miscellany



Final Call for Food and Drink sign-up sheet for everyone who plans to attend Thursday's event, including community members



# Today's Presentation Lineup

1. **Team Kinect! / Project Employing Microsoft Kinect Controller** - Puneeth Gadangi, Trevor! Kalkus, Melissa Sussmann-Martinez
2. **All In / Magical Bridge Playground Project** - Kori Carter, Spenser Linney
3. **Team ChairPacx / Project for Ladidi Garba's Sister** - Ladidi Garba, Nick Spears
4. **Team Backer Uppers / Wheelchair Backup Alert** - Iqbal Bakhsh, Jason Gonzalez
5. **Team FLOW / Asthma Control Project** - Poni Bepo, Danielle Simms, Richie Tran
6. **Cathriona's Crew / Project for Austin Carey's Sister** - Austin Carey, Katie Jarve, Eric Mochalski
7. **Team Pimp Your Ride / Customize the Wheelchair** - Katherine Cheng, Jenny Wilde
8. **Team Fun for Everyone / Magical Bridge Playground Project** - Angel Jimenez, Victoria Robles, Charlie Rosas
9. **Team Triathlon Prosthetics / Triathlon Project with Gary Berke** - Chase Disher, Alex Fritzing-Pittman
10. **Accessible Expression / Customize the Wheelchair Project** - Dwight Powell
11. **Team Lizmat Design / Customize the Wheelchair** - Elizabeth Matus
12. **Team AccessEdu / Educational Activities for Children with Disabilities** - Yaya Campbell, Cynthia Day, Luke deWilde
13. **Team All-Play / Magical Bridge Playground Project** - Julia Landauer, Jojo Ortiz
14. **Team Walrus! / 3D Printing of Tactile Graphics & Objects** - Anya Agarwal, Shaheen Jeeawoody, Maya Yamane

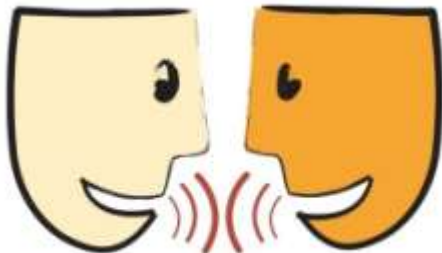
# Short Break



# 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



# Short Break

