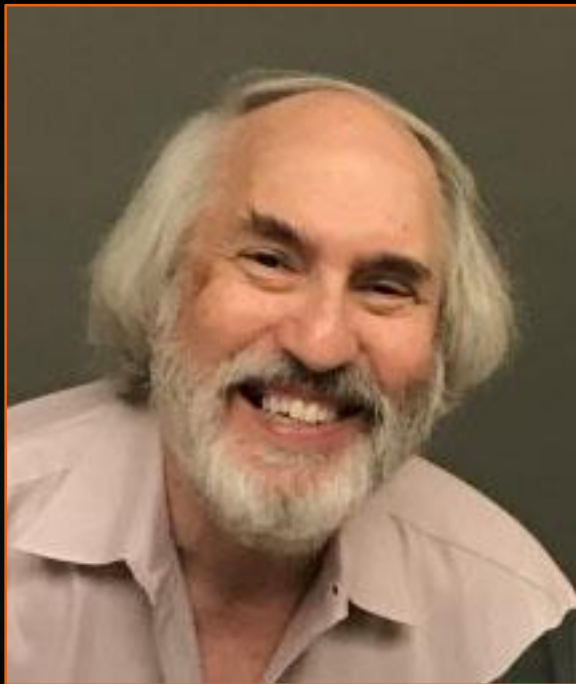


March 4, 2021
Virtual Field Tips to the MBP & VAPAHCS



ENGR110/210

Perspectives in Assistive Technology



David L. Jaffe, MS
Instructor

15
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.

Reminder - Work with Diligence

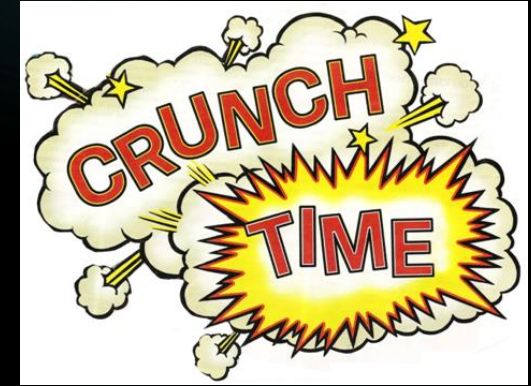


- ▶ Time is your team's most precious resource
- ▶ 12 days until project presentations



Week 8

- It's crunch time
- Fabricate, Test, Analyze, Repeat
- Inform me of your progress
- Manage your time



Week 10 Class Sessions

- ▶ Tue, Mar 16th
End-of-Term Student Project Presentations



- ▶ Thu, Mar 18th
End-of-Term Student Project Presentations

- ▶ Email me your presentation date preference



Thanks

- ▶ Thanks to Prof Collins for his live presentation
- ▶ Thanks to Prof Steele for her NIH presentation video



Remaining class sessions



- ▶ Tue, Mar 9th
Machine Learning, Biosensing, Virtual Reality Technology –
Converging to Transform Healthcare
Walter Greenleaf, PhD
- ▶ Thu, March 11th
Wheelchair Fabrication in Developing Countries
Ralf Hotchkiss



Students working on fabrication projects

Activities for the remainder of the quarter



- ▶ Work individually
- ▶ Fabricating low-cost prototypes
- ▶ Discussing and demonstrating the prototypes to the project suggestor
- ▶ Receiving and analyzing their feedback and suggestions
- ▶ Redesigning and fabricating a refined prototype
- ▶ Iterating the process until the end of the quarter
- ▶ Reporting your project progress
- ▶ Planning for end-of-term presentation & report

Students working on non-fabrication projects

Activities for the remainder of the quarter



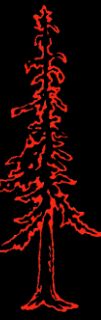
- ▶ Continue research on topic
- ▶ Interview additional people including clients
- ▶ Include your perspectives, draw conclusions
- ▶ Reporting your project progress
- ▶ Planning for end-of-term presentation & report

Student Question



I was curious as to the grading in this course in general. My midterm report received a "good to very good" score. I was unclear as to the criteria used to assess my report, and I am not sure how such a score translates to a letter grade. Could you clarify the letter grading curve before the change of grading basis deadline on Friday?

Mid-term Report Scoring Criteria

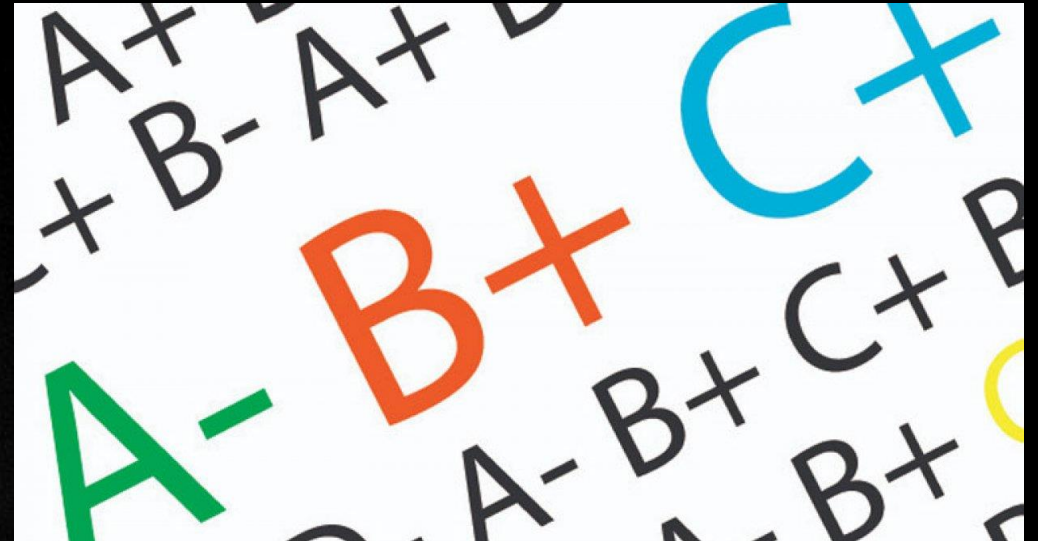


- ▶ Short
- ▶ Concise
- ▶ Well-organized
- ▶ Well-written
- ▶ Highly readable
- ▶ Few grammatical and spelling errors
- ▶ Included photos / sketches
- ▶ Followed suggested format in Report Writing Tips

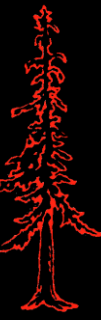
Grading



Deliverable	%
Mid-term Presentation	0
Mid-term Report	10
End-of-term Report	40
End-of-term Presentation	30
Individual Reflection	10
Participation	10



Participation includes attending class sessions, meeting with instructor, actively listening, posing questions to the guest speakers and the course instructor, engaging in class discussions, verbalizing thoughts and analyses, and submitting Weekly Project Reports or meeting with the course instructor.



~B = Good, Good to Very Good

~A = Very Good to Excellent, Excellent

Stanford's Hume Center for Writing and Speaking offers online tutoring through Friday, March 19th

Tuesday, March 9th



*Machine Learning, Biosensing, Virtual Reality –
Converging to Transform Healthcare*

Walter Greenleaf, PhD

Stanford University

Today



Virtual Field Trip to the Magical Bridge Playground

Olenka Villarreal

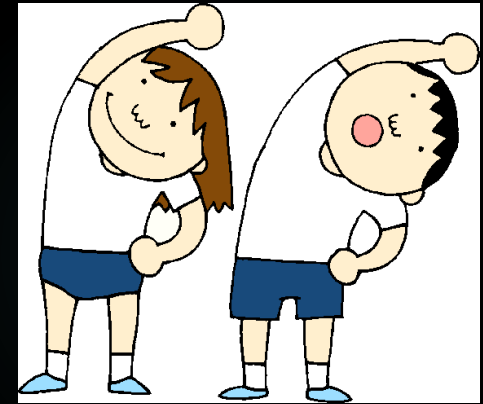
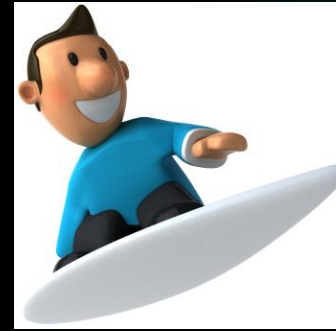
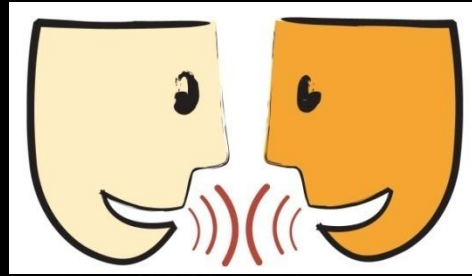


Virtual Field Trip to the VA Palo Alto Health Care System - SCI

Graham H. Creasey, MD, FRCSEd

Break Activities

- ▶ Breakout rooms
- ▶ 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

