Your goal: A Tesla
Your job: AutoPilot dev team
Swerve to avoid a pothole?
What if a car was in the next lane?
What about for a jay walker?
What about involuntary actions?

Video appears to show girl being pushed into traffic, hit by truck

POSTED 7:24 AM, SEPTEMBER 2, 2015, BY LORRIE TAYLOR
How much more does it cost to...
“Real” Salary: Adjusting for Where You Live

• If earning $75,000 in Ann Arbor, the equivalent salary (to maintain same lifestyle) would be:
  – $109,649 in San Jose, CA (+45%)
    • Housing is 114% more, on average
    • Groceries are 27% more, on average
Introduction to EECS 496
Major Design Experience & Professionalism

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Course Goals

• Help you be successful in your career
  – Non-technical knowledge and skills
  – What you didn’t learn in CoE
• Make us proud that you are a *Michigan* graduate
Join the Michigan Mafia, er Family
• Requirements
  – Senior standing in CS/CE/EE
  – Register for appropriate TechComm and MDE course

• Fridays 2:30-4:30pm
  – Attendance is mandatory

• All materials posted on Canvas before class
  – All readings
  – All assignments
  – All lectures
• Professional
  – Start on time (2:40pm), stop on time (4:30pm)
  – Everyone in class and in seats by 2:40pm
• But somewhat informal (and a bit fun)
  – As interactive as possible
  – Encourage questions & interesting observations
• Videos and slides of all talks will be available on Canvas

- “We found that participants who multitasked on a laptop during a lecture scored lower on a test compared to those who did not multitask, and participants who were in direct view of a multitasking peer scored lower on a test compared to those who were not.”
- “Overall, participants who multitasked scored 11% lower on a post-lecture comprehension test.”
- “Those in view of a multitasking peer scored 17% lower on a post-lecture comprehension test.”
Grading Policy

• Target A-/B+ class average
• Lots of time to complete assignments
• No late days
• Penalties for late assignments
  – 10%/day
Basis of grade

• N=10-12 Quizzes (30% grade)
  – Last 10 minutes of a class, chosen at random
  – We use the top N-2
  – Can miss two classes without penalty
  – One makeup if you **had** to miss >2 classes.
    • Watch video and write an analysis – turn in within 2 weeks of missed class.
    • Cannot be used to makeup poor quiz grade
  – If you have some problem (i.e. medical) that forces you to miss more than three classes, contact me as soon as you know it will be a problem.

• ~3 Homework Assignments (45% grade)
  – Individual assignments
  – Spread throughout the semester

• 1 Course Project (25% grade)
  – Group project (4-5)
  – Due near the end of the term

• **No Final**
• Honor Code is operational on **all activities**
Semester Topics

• Life After College
• Careers, Trajectories, and Transitions
• Intellectual Property
• Ethics, Ethics, and more Ethics
• Business Organization and Finance
• Business Plans
• Leadership, Teamwork, Corporate Culture
• Social Psychology