Outline

1. Administrative stuff

2. Reading assignment
How to get lab supplies
Course structure
Grading policies
Office hours
Course overview
How to get lab supplies

- Each student is required to pay $20 for lab supplies
  - Integrated circuits, wires, capacitors, resistors, etc.
- Make check out to Northwestern University
- Take the check to Carol Surma in Tech L359
- Take the receipt to Albert Lyerla in CG24 to pick up lab kits
Blackboard

- We will be using Blackboard to serve as central repository for all things EECS203 related.
References

Grading scheme

- 25% homeworks
- 25% labs
- 25% midterm exam
- 25% final exam
Late homework assignments

- After the class, on the due date: -5%
- After that, 10% per day penalty
- Three or more working days late: No credit
  - I’ll hand out solutions
Late lab assignments

- Late lab verifications will be done at the discretion of the TAs.
- In other words, although this will sometimes be possible, I’m not going to force the TA to skip their classes, research work, or meals to hold extra lab verification hours.
- Late lab checks (without prior approval): -20%
- Three or more working days late: No credit
When to start labs

• The TAs spend a huge amount of time checking labs
• Having them do lab checks outside of the scheduled hours makes it difficult to keep up in their own classes and research
• Start labs early to see if you have questions
• The TAs and I will be happy to help
• Will need time to finish after pointed in right direction
Labs

- Open labs
- Tech CG24
- The TAs and I may leave a note and go from our offices to CG24 during office hours to answer lab questions
- You will need to sign up for a lab time slot
Lab check times

- New labs will normally be assigned on Mondays
- Lab checks will normally be on Wednesdays (tentatively)
- First lab much quicker than others
- Need to get go to get kit ASAP
Office hours options

1. I will have office hours Mondays 1-3pm
2. Hopefully this works for most people
3. E-mail me to set up alternative meeting times
4. TA office hours will be Wednesdays 1-6pm
Course overview

- What is computer?
- What is computer engineering?
- Why is it important to study computer engineering?
- Which future courses may be interesting?
- How to design simple computer systems from given elements?
- How to think effectively and efficiently?
What is computer?

1. An electronic device for storing and processing data, typically in binary form, according to instructions given to it in a variable program.

2. A person who makes calculations, especially with a calculating machine.

A mechanism that calculates via mechanical symbol manipulation.
What is computer?

Apple Dictionary

1. an electronic device for storing and processing data, typically in binary form, according to instructions given to it in a variable program.

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Mine...

A mechanism that calculates via mechanical symbol manipulation.
What is computer engineering?

Engineering: design and implementation of a mechanism based on physical elements.

Computer Engineering: design and implementation of computing mechanisms including hardware, software, and even more...

Related to electrical engineering and computer science. Knowing fundamentals helps in fields where computers are used.
What is computer engineering?

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Engineering: design and implementation of a mechanism based on physical elements.

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Future courses

- Advanced digital logic design
- Computer architecture
- Design and analysis of algorithms
- Fundamentals of computer system software
- Introduction to computer networks
Future courses

- Introduction to VLSI CAD
- Microprocessor system design
- Programming for computer engineers
- VLSI systems design
Outline

1. Administrative stuff

2. Reading assignment
Reading assignment (for next class or so)

- Sections 1.1, 2.1, and 2.2