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- Lectures: See syllabus
- Staff: See syllabus
- Desitetione: Cas sullab
- Recitations: See syllabus
- Help session: See syllabus
- Office hours: See syllabus
- Materials on the website and Canvas:
- http://www.cs.colostate.edu/~cs270

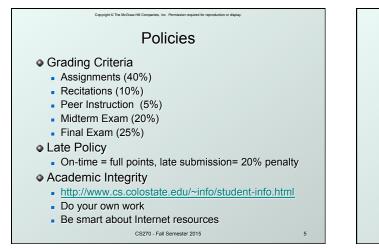
CS270 - Fall Semester 2015

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Assignments and quizzes are posted on website:

- Weekly assignments (mostly) alternate between written and programming assignments.
- Homework assignments are due in hardcopy on original handout on Mon. at 10am.
- Programming assignments are submitted in electronic form Sun. at 10pm.
- Late submission varies depending on the difficulty of the assignment.

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Organization

- 1/3 computer hardware: numbers and bits, transistors, gates, digital logic, state machines, von Neumann model, instruction sets, LC-3 architecture
- 1/3 assembly code: instruction formats, branching and control, LC-3 programming, subroutines, memory model (stack)
- 1/3 C programming: data types, language syntax, variables and operators, control structures, functions, pointers and arrays, memory model, recursion, I/O, data structures

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Grading Criteria

How to be successful in this class:

- 1) Attend all classes and recitations, info will presented that you can't get anywhere else.
- 2) Do all the homework assignments, ask questions (early!) if you run into trouble.
- 3) Take advantage of lab sessions where help is available from instructors.
- 4) Read the textbook, work through the end of chapter problems.

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Computer Science Department Picnic

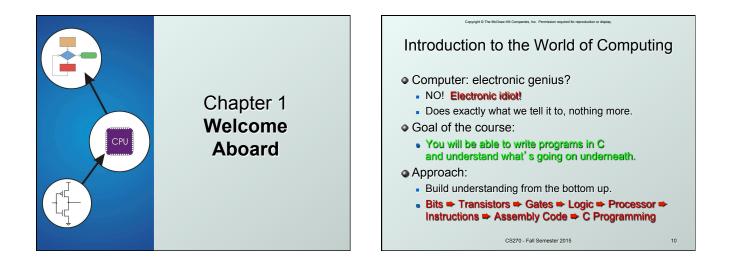
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Welcome to the 2015-2016 Academic year !

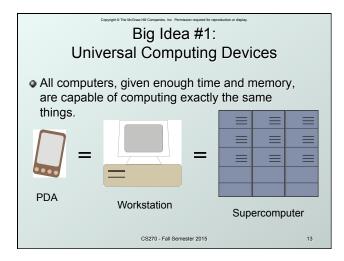
Meet your faculty, department staff, and fellow students in a social setting. Food and drink will be provided.

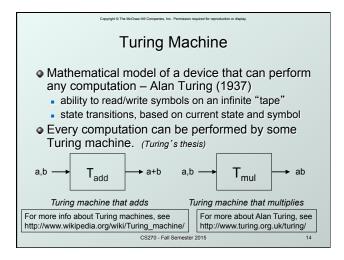
When: Saturday, August 29th Time: 11am – 2pm Where: City Park Shelter #7

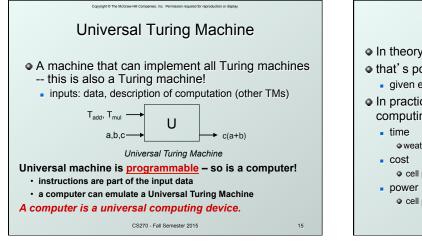


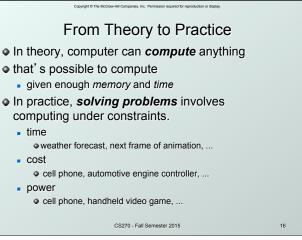


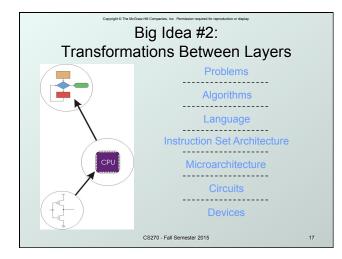


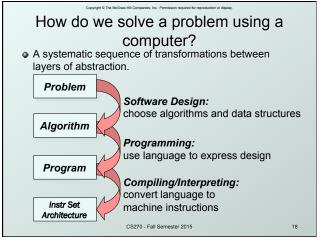


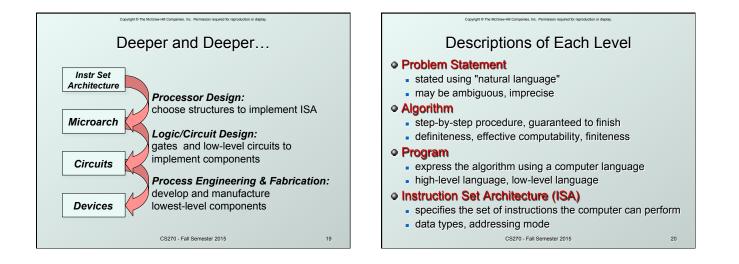


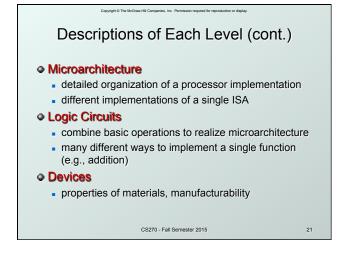


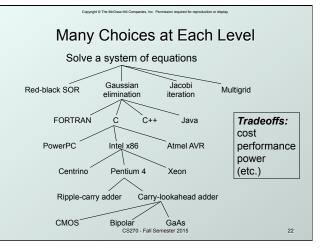












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Book Outline
 Bits and Bytes How do we represent information using electrical signals?
 Digital Logic How do we build circuits to process information?
 Processor and Instruction Set How do we build a processor out of logic elements? What operations (instructions) will we implement?
Assembly Language Programming How do we use processor instructions to implement algorithms?
 How do we write modular, reusable code? (subroutines) I/O, Traps, and Interrupts How does processor communicate with outside world?
C Programming How do we write programs in C?

How do we write programs in C? CS270 - Fall Semester 2015