

#### **Exam Information**

- 50 minutes
- 150 points
- May contain multiple choice and short answer questions
- But most will have you write some code



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### What Will Be Covered

- Exam will cover Parts 1 to 4
- Both Labs 1 and 2
- No question will be asked that is not in the lecture notes
- Download from: athena.csus.edu/~cookd/35

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### Part 1 – Important to Understand

- Binary & hex numbers!
- Notation (why important)
- ASCII
- Integers
- Floating point numbers



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## Part 1 – <u>Don't</u> Worry About

- All the different ASCII values
- Unicode and EBCDIC
- How to convert ASCII



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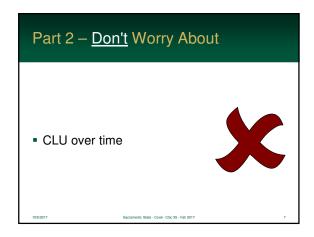
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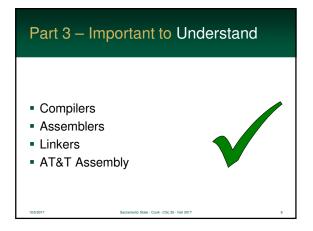
### Part 2 - Important to Understand

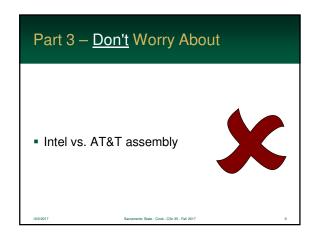
- Components of the processor
- Privileged mode
- Types of operands
- Types of opcodes
- x86 Registers

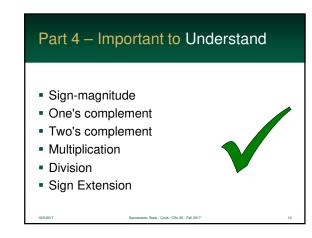
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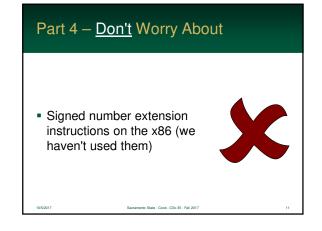
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# Part 5 – <u>Don't</u> Worry About

- How each flag is set in particular that diagram
- Each of the flags still important for experts
- Actually writing If, While, Switch (we haven't had a lab on it as of yet)



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