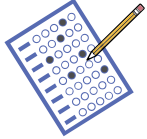## Exam 2 Overview

Basic Information

Exam Information

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

What Will Be Covered

- Exam will cover Parts 5 to 7
- Labs – 1 to 5
- No question will be asked that is not in the lecture notes
- Download from:
  athena.csus.edu/~cookd/35

Part 5 – Need to <u>Know</u>
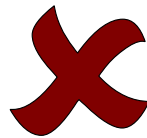
- Concept of flags
- How jump statements work
- How to implement If Statements, While, For, Switch

Part 5 – <u>Don't</u> Worry About

- How each flag is set – in particular that diagram I showed you
- Each of the flags – still important if you want to be an expert

Part 6 – Important to Understand

- What is memory (address, etc…)
- Endianness
- Addressing modes
- How arrays work
- Data Tables

1

Part 6 – Don't Worry About

- Writing jump tables
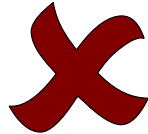
Part 7 – Important to Understand

- The stack
- Passing parameters using registers
- Stack frames
- How they work on the x86

Part 7 – Don't Worry About
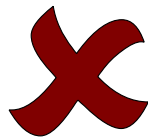
- How to write stack frames on the x86