Information about the final exam
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The EE 3755 final exam will take place on Wednesday December 7, 2011 from 5:30 pm to 7:30 pm. The final will be closed books and closed notes. You will not be allowed to use calculators, neither computers nor cell phones.

**IMPORTANT NOTE: Do NOT miss the final exam.**

The materials for the final exam follow on the next pages.
Materials for the final exam

You are responsible for the following materials:

1) RISCs versus CISCs: (CJ have given you a hardcopy handout in class on this topic)

2) MIPS notes #1, #2, #3: You are responsible for everything from MIPS notes #1, #2, #3.

3) MIPS notes #4: You are responsible from the beginning of MIPS notes #4 up to the point where it says "Histogram Program". You are not responsible for anything starting with Histogram Program until the end of MIPS notes #4.

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4) **MIPS notes #5**: You are only responsible for the following:

@ The procedure `swap`

b) From the procedure `sort` you should only know the reasons for which the procedure `sort` saves the registers `$ra$, `$s3`, `$s2`, `$s1`, `$s0` in the stack.

You are not responsible for anything else from MIPS notes #5.

5) The **Datapath** of **MIPS**

6) The **MIPS** controller controlling the **Datapath** (both single cycle and multi cycle)

7) **Microprogramming**: (I gave you a hardcopy handout in class on this topic).
Number of points for the final

The final will have 102 points. 100 points on materials and 2 bonus points.

**Bonus problem 1 (1 point):** Was the final easy or difficult?

**Bonus problem 2 (1 point):** Was the given time enough?