

EE 3755, Fall 2011

Information about the final exam

EE 3755, Fall 2011

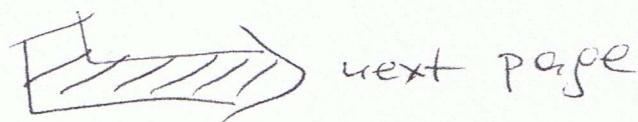
(6)

Information about the final exam

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.

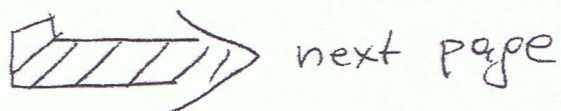
The materials for the final exam follow on the next pages.



Materials for the final exam

You are responsible for the following materials:

- 1) RISCs versus CISCs: (J 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.



EE 3755, Fall ~~2011~~ 2011 (2)
Materials for the final exam cont.

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

(a) The procedure swap

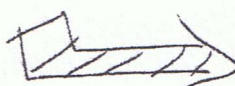
(b) From the procedure sort you should only know the reasons for which the procedure sort saves the registers $\$ra$, $\$s3$, $\$s2$, $\$s1$, $\$s0$ in the stack.

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

5) The Datapath of MIPS

6) The MIPS controller controlling the ~~datapath~~ datapath (both single cycle and multi cycle)

7) Microprogramming; (I gave you a hardcopy handout in class on this topic).

 next page

EE 3755, Fall ~~2011~~ 2011 (3)
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?