Hello,  
  
This is the material from the notes in the:  
  
/home/t/ted/PUBLIC/SOEN228/NOTES  
  
directory which you are responsible for knowing for  
the final exam:  
  
  
READ ALL THE FOLLOWING EXCEPT THOSE SECTIONS LISTED  
AS "omit' :  
  
  
  
comp228\_notes\_1.pdf : omit:  Booth Multiplication  
                             Binary Coded Decimal Form  
                             BCD addition  
                             Packed and Unpacked BCD  
  
comp228\_notes\_2.pdf: omit: Characteristic Equation, Excitation Table of RS flip-flop  
                           S-R flip flop Excitation Table  
                           Mod-5 counter design  
  
  
comp228\_notes\_2b.pdf: omit: nothing !  
                      READ IT ALL  
  
comp228\_notes\_3.pdf : omit: nothing !  
                      READ IT ALL  
  
  
  
  
comp228\_notes\_4.pdf:  omit: nothing !  
                      READ IT ALL  
  
comp228\_notes\_5a.pdf: omit : Memory Basic Cell (SRAM) (sec7.3 Mano)  
  
                      read from page 15 of the PDF to page 21 of the PDF file  
  
  
comp228\_notes\_5b.pdf: omit: nothing !  
                      READ IT ALL  
comp228\_notes\_6.pdf: omit: nothing !  
                      READ IT ALL  
  
  
  
As for the INTEL assembly language programming, you should take a  
look and understand the material found in:  
  
/home/t/ted/PUBLIC/SOEN228/Sample\_NASM\_Programs  
  
in specific:  addressing\_modes\_new.asm  
  
  
It would also be a good idea to read and understand the  
material on Intel assembly from Appendix E.  
  
Of course, it would also be good to read the relevant sections of the  
textbook which deal with the material from the various comp228\_notes\_?.pdf  
notes.  
  
  
The following material is allowed during the final exam:  
Material Allowed: ENCS approved electronic calculators. Hardcopy of course textb  
ook (no photocopies allowed), course lecture notes in hardcopy form, personal co  
urse notes in hardcopy form. Pencils, pens, rulers, erasers. Scrap paper.  
  
  
  
Remember: "It's Only System Hardware, but I like it , like it,  
                  like it , yes I do "  
  
No one chose that song during "Name that Tune " ....  
  
  
  
Ted Obuchowicz