

CSI 402 – Systems Programming – Spring 2011
Information Regarding Final Examination

1. The final examination will be conducted **from 8 AM to 10 AM** on **Thursday, May 12, 2011** in the regular class room (LC-6). The exam will end promptly at **10 AM**. It is worth 30% of your final grade.
2. You may bring the two texts (one by Beck and the other by Haviland, Gray & Salama) and **one** additional sheet of 8.5×11 paper containing written material. (You may use both sides of the sheets.) *No other material will be allowed.* You *cannot* bring a xeroxed copy of either text. Further, you *cannot* use a calculator, laptop or any similar electronic device during the exam.
3. This is a **cumulative** final. The syllabus for this exam consists of **all** the material covered in the course (Lectures 1 through 15). You are responsible for all the material discussed in class when we went through the slides for all the lectures, regardless of whether the material is actually included in the slides. The exam may also include questions based on the programming assignments.

In addition to the above, you are also expected to have a good knowledge of the various number systems, the programming language C and the assembly languages for SIC, SIC/XE and TMIPS.

4. The exam may include questions of the following types. (The list is *not* exhaustive.)
 - (a) True/False questions (possibly requiring short explanations).
 - (b) Questions where you are required to indicate the output produced by a given C program or an assembly language program.
 - (c) Questions where you are required to understand why a given C program does not work and modify the program so that it works properly.
 - (d) Writing functions, program segments and/or complete programs in C.
 - (e) Understanding program segments and/or complete programs in the assembly languages of SIC and SIC/XE.
 - (f) Understanding program segments and/or complete programs C or in the assembly language of TMIPS.
 - (g) Questions involving the various tables maintained by assemblers and linkers.
5. When you hand in your exam, make sure that your your name is checked off on the class roster. If your name is not checked off and your exam is missing, it will be assumed that you missed the exam and you will receive a zero for the exam.

(over)

6. Professor Ravi will hold the following office hours before the final exam.

May 4, 2011 (W) – 1 to 2:30 PM
May 5, 2011 (Th) – 10 to 11:30 AM
May 9, 2011 (M) – 4 to 5:30 PM
May 10, 2011 (T) – 2 to 3:30 PM
May 11, 2011 (W) – 11 AM to 12:30 PM

GOOD LUCK !!