CS2801

Fall 2012

Introduction

This class is a "Bridge" between CS2110 and ECE 2031 for CS students in threads that require ECE2031. The reason the class exists is that the ECE students in ECE2031 will have taken ECE2030 which is a semester long course which covers most of the material in the first half of CS2110 plus some additional material. This course is intended to fill you in to that "additional material"

Structure and Organization

Because of the nature of this class it will be front-end loaded in the semester. That is, most of the work will be early in the semester. There will be no scheduled class meetings. You will be expected to read material from the textbook and do assignments. You are, of course, welcome to work with other members of the class but clearly each student must master the material. There will be opportunities to obtain one-on-one assistance from the course instructor and the TA.

Personnel

Lecturer: Bill Leahy
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              AIM: ethereal bleahy
              Office CCB 105 (Inside CCB104B)
              Available: 11-1 pm Monday
              And by appointment

Textbook

Logic and Computer Design Fundamentals, Fourth Edition
M. Morris Mano and Charles R. Kime
Pearson/Prentice Hall, 2008
ISBN 0-13-19896-X

You will read the first 5 chapters. Note: there will be a lot of material you have already seen in CS2110 so this will be some new material and some review material all of which will help you in ECE2031.

Schedule

By 9/6   Skim Chapter 1 (You may see a few interesting new things).

Read Chapter 2 in detail. Pay close attention sections 2-2 through 2-5.

Take Quiz 1.

By 9/13   Skim Chapter 3 (Again you may see a few interesting new things).

Read Chapter 4, sections 4-1 through 4-5.

Take Quiz 2.

By 9/20   Read Chapter 5, sections 5-1 through 5-7

Take Quiz 3

Slides

There are lecture slides online from a previous version of this class that had a lecture. You may find them interesting and useful.