Course Requirements

Goals & Objectives:

To understand the basic digital circuits (how the computer is designed), the components of the computer (how the computer functions) and the data representation in computer systems and the relationship between Boolean algebra and digital logic (how the information is processed digitally). To be able to describe, simulate and design simple digital circuits.

Textbooks:

   
   http://computerscience.jbpub.com/ecoa/2e/

2. Complete Lecture Notes can be downloaded at:
   http://www.sci.brooklyn.cuny.edu/~danjie/cis742/LectureNotes.zip

Class Meetings:

Classes will meet every Wednesday evening for 14 weeks, with no class on Feb. 21 (Monday schedule) and Apr. 4 (Spring recess). The last class meeting is on May 16.

Although attendance is not mandatory, you are responsible for whatever is done in class, whether or not you are there. In particular, you are responsible for all homework assigned in class.

Make sure you get the notes and assignments from someone if you miss a class.

Class Schedule:

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Final Exam: 6:00pm – 8:00pm, Wednesday, May 23

(The above schedule is subject to change without notification.)
Mid-term Exam:

There will be a mid-term exam on about 7th week. It will count for one third of your grade.

Final Exam:

There will be a cumulative final exam (focusing more on the 2nd half of this course), which will count for one third of your grade. The final will be on Wednesday, May 23, from 6:00 PM to 8:00 PM. Please make sure there is no conflict between the final of this class and your other classes, and you will be available to take the final on that day.

Homework Assignments:

You must type-write (no handwriting) your homework using any word-processor (e.g. Notepad). Emailed homework are not accepted. There will be frequent assignments during the semester covering the topics discussed in the class. Each assignment will be due about one class meetings (one week) after it is assigned. There will be penalty for lateness, 5% per class late. Each assignment will be graded and returned to you, usually in a week. The homework assignments will count for one third (1/3) of your overall grade.

Office Hours:

My office hours will be: Wednesday, 4:00 - 5:30 P.M. If you have any question about anything covered in class, please feel free to see me during my scheduled office hours or at any other time that I am available.

(Room: 539 NE Phone: 951-4194 email: zhu@sci.brooklyn.cuny.edu)

Mailbox:

If you can not hand in your homework in the class, you can leave it in my mailbox in CIS office (2109 Ingersoll Hall). My mailbox is on the leftside of the office entrance and is labelled ZHU. Do not confuse it with professor ZHOU’s mailbox, which is on the right side.

Some Important College Deadlines:

1. Mon. 02/05/2007: Last day to add a course;
2. Tues., 02/20/2007: Last day to delete (drop) a class without a grade;
3. Thurs., 04/19/2007: Last day to apply for withdrawal from a course with a W
4. Fri., 05/25/2007: Last day to resolve Spring 2006 INC / Fall 2006 ABS grades.