University of Pittsburgh
Department of Computer Science

CS/COE 2410 – Computer Architecture

Course Outline – Fall 2011

0. Goals and Course Description

In this course, basic (and some advanced) concepts in computer architecture, with a particular focus on microprocessor design, will be explored. Planned course activities include:

1. Lectures,
2. Homework assignments ({problem set, paper review, survey}),
3. Programming assignments,
4. Exams, and
5. Guest lectures (by industry experts)

Papers to review will be made available at the course web page at http://www.cs.pitt.edu/~cho/cs2410/.

1. Textbook and Course Materials

Main textbook: Computer Architecture: a Quantitative Approach (Hennessy & Patterson) 4th Ed., Morgan Kaufmann (Elsevier), 2007.
Reference: “Fundamentals of Parallel Computer Architecture” (Y. Solihin), 2008.

Other course materials will be distributed via course web page (www.cs.pitt.edu/~cho/cs2410/).

2. Instructor

Sangyeun Cho (cho@cs.pitt.edu, 412-383-7018)
Office hours: Monday/Wednesday 8:00am ~ 10:00am @SENSQ 5415 or by appointment

3. TA

Yu Du (fisherdu@cs.pitt.edu, 412-624-9955)
Office hours: Tuesday/Thursday 4:00pm ~ 6:00pm @SENSQ 6504

4. Class Hours and Classroom

Lecture: Monday/Wednesday 1:00pm ~ 2:15pm @SENSQ 5313

5. Student Evaluation

Homework (problem set, paper review, survey)	40%
Programming assignments	10%
Mid-term exams	30%
Final exam	20%

6. Other Policies

- Late submissions of assignment will NOT be accepted.
- Students are expected to be present for all exams. Make-up exams will only be given in the event of an emergency and only if the instructor is informed in advance.

7. Students with disabilities

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resources and Services (DRS), 140 William Pitt Union, 412-648-7890/412-383-7355 (TTY), as early as possible in the term. DRS will verify your disability and determine reasonable accommodation for this course.