Digital Logic Design (CSE2300W, Spring 2011)

Instructor: Z. Jerry Shi, ITE 365, 486-0599, zshi@engr.uconn.edu.
Website: http://www.engr.uconn.edu/~zshi/course/cse2300/ and HuskyCT.

Please check the website and HuskyCT frequently for important announcements.


Course description: The course will cover the following topics in digital logic design: number systems, Boolean algebra, combinational and sequential circuit design, using computer software to design, implement, debug, and simulate digital circuits, introduction to structure and operation of digital computers, and writing technical reports.

Prerequisite: CSE 1100 or 1102 and secondary school physics or PHYS 1010 or 1501; ENGL 1010 or 1011.

Workload: Labs. There are about eight lab projects, which involve using software tools like LogicWorks to design and test digital circuit and implementing digital circuit with SSI and MSI components. Students work in teams on some tasks. The results are demonstrated and assessed in assessment sessions.

   Student will submit a formal report for each lab unless it is explicitly indicated that a report is not required. The grades for lab reports will be based on both writing and technical contents. Each student must pass the writing component of the course in order to earn a passing grade.

Homework. There will be a homework assignment in most weeks.

Exams. There will be two in-class exams and a final exam.

Grading: Your grade for this course will be based on the following components:

- Labs: 20%
- Homework: 30%
- Two in-class exams: 20%
- Final exam: 25%
- Other: 5%

Late Policy: If a lab or homework assignment cannot be completed by the deadline, you must contact TA before the deadline to arrange a late submission. Otherwise, late submissions are not accepted. If a late submission is arranged, the penalty is 10% of the maximum points per day. For example, a lab report that is two days late and would get 80 points out of 100 will receive 80–100 * 10% * 2 = 60 points.
Academic Integrity

Academic integrity is a fundamental expectation of all students in this course. Cheating, plagiarism, and other forms of academic misconduct are not allowed in this course. Below is a list of common misconducts. Please notice that this is not a complete list. It is your responsibility to be familiar with the Student Code of Conduct, and conduct yourself according to the standards that are described in the code.

- Copy answers from another student's examination sheet, homework, quiz, lab assignment, or project assignment.
- Copy answers from solutions provided to students who took the course in previous semesters.
- Copy answers from other sources such as the Internet and other people’s discussions that you do not participate in.
- Make use of notes during a closed book/closed notebook examination.
- Make use of electronic devices, such as iPhone and PDA, which are not allowed in an examination.
- Allow another student to take an examination in your place.
- Represent the work of another individual as your own.
- Assist another student to violate academic integrity.
Important Information on Final Exams

Students are required to be available for their exam during that time. Students must visit the Dean of Students (DOS) Office if they cannot make their exam. The DOS office will give the student his or her instructions thereafter.

Please note: vacations, previously purchased tickets or reservations, weddings (unless part of the wedding party), and other large or small scale social events, are not viable excuses for missing a final exam. Please contact the DOS office with any questions. Thank you in advance for your cooperation.

Important Contact Information:

• Office of Student Services & Advocacy: 486-3426 [www.ossa.uconn.edu](http://www.ossa.uconn.edu)
• Counseling and Mental Health Services: 486-4705(24 hours) [www.cmhs.uconn.edu](http://www.cmhs.uconn.edu)
• Alcohol and Other Drugs Services: 486-9431 [www.aod.uconn.edu](http://www.aod.uconn.edu)