



University
of Windsor

COURSE INFORMATION SUMMER 2017 60-265: COMPUTER ARCHITECTURE I: DIGITAL DESIGN

School of Computer Science, University of Windsor

Instructors

Dr. Dan Wu
School of Computer Science
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Course Description

Number systems, switching algebra, logic gates, circuit minimization. Combinational circuits. Read-only memory, random-access memory, programmable logic. Synchronous and asynchronous sequential circuits. Latches, flip-flops, registers, counters, register transfer language. Digital integrated circuits. Hardware description languages.

Pre-requisites

0360140

Textbook

Digital Design (5th Edition), M. Morris Mano, Michael D. Ciletti
ISBN-10: 0132774208 | ISBN-13: 978-0132774208, Prentice Hall

Lectures

Tuesdays and Thursdays, 1130 - 1250, Room: MH109

Labs

Section 51: Thursdays, 1300--1420, Room: ER3119
Section 52: Thursdays, 1600--1720, Room: ER3119

Office Hours

Tuesdays and Thursdays, 1300 -- 1400, Room: LT8116

E-mail is one of the best methods to contact the instructor. Only emails originating from a valid University of Windsor student account will be accepted from students wishing to contact the instructors. Students must include their full names and student ID's in their correspondence.

Examinations

Midterm:	Thursday,	Jun. 29,	1130-1250,	Location: MH109
Final Examination:	Thursday,	Aug. 17,	1530-1830,	Location: TBA

Course Evaluation

Maximum of 8 Quizzes,	16%
Maximum of 6 Assignments,	12%
One Midterm Exam,	32%
Final Exam,	40%

Grading

The university is now using a new 100% grading system according to the following Senate Policy:

Only numeric final grades will be issued to students and all grades below 50% are considered failures.

Notes to Students

General

0. No student is allowed to take a course more than two times without permission from the Dean.
1. A Blackboard course site will be set up for this course. Students are expected to preread textbook and actively participate in the discussions and answer questions.
2. Student Evaluation of Teaching (SET) will be arranged during the last two weeks of the class schedule.

Assignments

3. The assignments will be posted on Blackboard, usually by Friday, and will be due normally by 11:55 PM the following week Friday. It is student's responsibility to check Blackboard site frequently to be aware of the posting of assignments and their due dates.
4. An Assignment is complete only when a student uploads his/her submission via Blackboard.
5. After an assignment has been marked, a student can see the marks he/she obtained and the comments, etc. in Blackboard.
6. Late submissions will be allowed, provided the assignments are handed in within 3 days (72 hours) following the stipulated deadline. Late submissions will have an automatic penalty of 30% for each assignment submitted late regardless of how many hours late. No other extension will be allowed.
7. If a student has extenuating circumstances (e.g., illness supported by student medical certificate) additional time may be allowed, at the discretion of the instructor without penalty applied.

Exams

8. The Quizzes, midterm exam and the final exam will be **closed book tests**.
9. Once a student attends a test (quiz, midterm, and final), the grade in that test cannot be overlooked for any reason. If a student is ill on the day of the test or has any other difficulty, s/he must contact the course instructors before the test and will be required to submit a doctor's note in case of illness.
10. There will be **no make-up test** if a student misses a test, except for the final exam. A student who misses a test due to unavoidable reasons must submit a request, with adequate documentation (e.g., doctor's note), to prorate their grade within **48 hours** of the scheduled test. The prorating will be done on the basis of other **written tests** and **will not** include the assignment grades.
11. If a student misses the final examination due to serious and unavoidable reasons, s/he must contact Dr. Dan Wu and submit a written request by 12 Noon, Monday **Aug. 21, 2017**, with adequate documentation (e.g., doctor's note), to take a supplementary test. Such a student will be allowed to take a supplementary test. When setting the supplementary test, the instructors will take into account the fact that the student had more time to prepare for the test and may involve an oral test to be administered by a course instructor.
12. Students will not be allowed to get their test booklets back. They will get a chance to look at their tests and may request a copy of their midterm tests by paying the appropriate

photocopying charges. Announcements will be made indicating how the students may look at their tests and the final exam.

13. Students should refer to online 2017 undergraduate calendar for the policy on plagiarism. All cases of academic misconduct will be reported to the Director, school of Computer Science and appropriate actions will be taken.
14. If a student becomes ill either before or during a test, it is his/her responsibility to get a doctor's note. No consideration will be made without an adequate doctor's note (see requirements for a doctor's note given below).
15. Once a student writes a test and hands it in, his/her grade for the test cannot be prorated, ignored or replaced by his/her grades for other exams.

Requirements about Doctor's note

16. If a student misses the midterm or final exam due to medical reasons, student medical certificate must be submitted immediately. The student must submit a Xerox COPY of the student medical certificate and keep the original until at least August 31, 2018,. The student medical certificate **must indicate** specifically that the **student was medically unfit for the day** of the test, project presentation or lab; otherwise the certificate will not be allowed.
17. If a student misses a test on medical ground, a copy of the "Student Medical Certificate"¹ filled in and signed by a qualified physician is the only acceptable doctor's note.

Policies regarding appeals for grade changes

18. After the final examination, only the appeals, that may take the student into the next letter grade, will be examined.
19. As a result of an appeal, the mark assigned may go up or down or not change.

Examples of academic misconduct by students

Some typical examples of improper conduct during a written test which may lead to severe disciplinary measures against students are given below. The list is not exhaustive.

- Submitting a program very similar to that submitted by another student or a program available somewhere else (e.g., a book or a web site). If two programs are different only in variable names or comments, they would be viewed as being similar.
- Communicating with any unauthorized person during an examination in any way (e.g., verbally, using a cell phone, passing messages in some form to another student).
- Bring into an examination any unauthorised material (e.g., a book or a class note which is marked in any way, bringing any unauthorized documents or aids).
- Attempting to obtain, by any means, a copy of the test before the examination takes place. This includes stealing a test, buying a test before the examination is held, accepting (from anyone) a copy of the test before the examination is held.
- Starting to write a test before the test is officially scheduled to start.
- Refusing to stop writing a test when the test is over.
- Refusing to obey the instructions of the officer in charge of an examination.

¹ http://www.cs.uwindsor.ca/download/2300/Medical_Certificate.pdf