

Lecture 1: Introduction

CSCE 2610 Computer Organization

Instructor: Saraju P. Mohanty, Ph. D.

NOTE: The figures, text etc included in slides are borrowed from various books, websites, authors pages, and other sources for academic purpose only. The instructor does not claim any originality.



Things To Do

- Instructor's Introduction
- Student's Introduction
- Course Introduction



Class Time and Venue

- **Course Homepage:**

<http://www.cse.unt.edu/~smohanty/teaching/ComputerOrganizationSpring09/>

- **Class Timing and Venue:**

MW 3:30-4:50PM and NTDP B142

- **Instructor's Office:**

Office Hours: MW 2:30-3:30pm (any other time possible by appointment through email)

Room: NTRP F277

Email: saraju.mohanty@unt.edu

Homepage URL: <http://www.cse.unt.edu/~smohanty/>



Course Syllabus and Description

Course objectives:

- Build solid foundation on general purpose digital computer design.

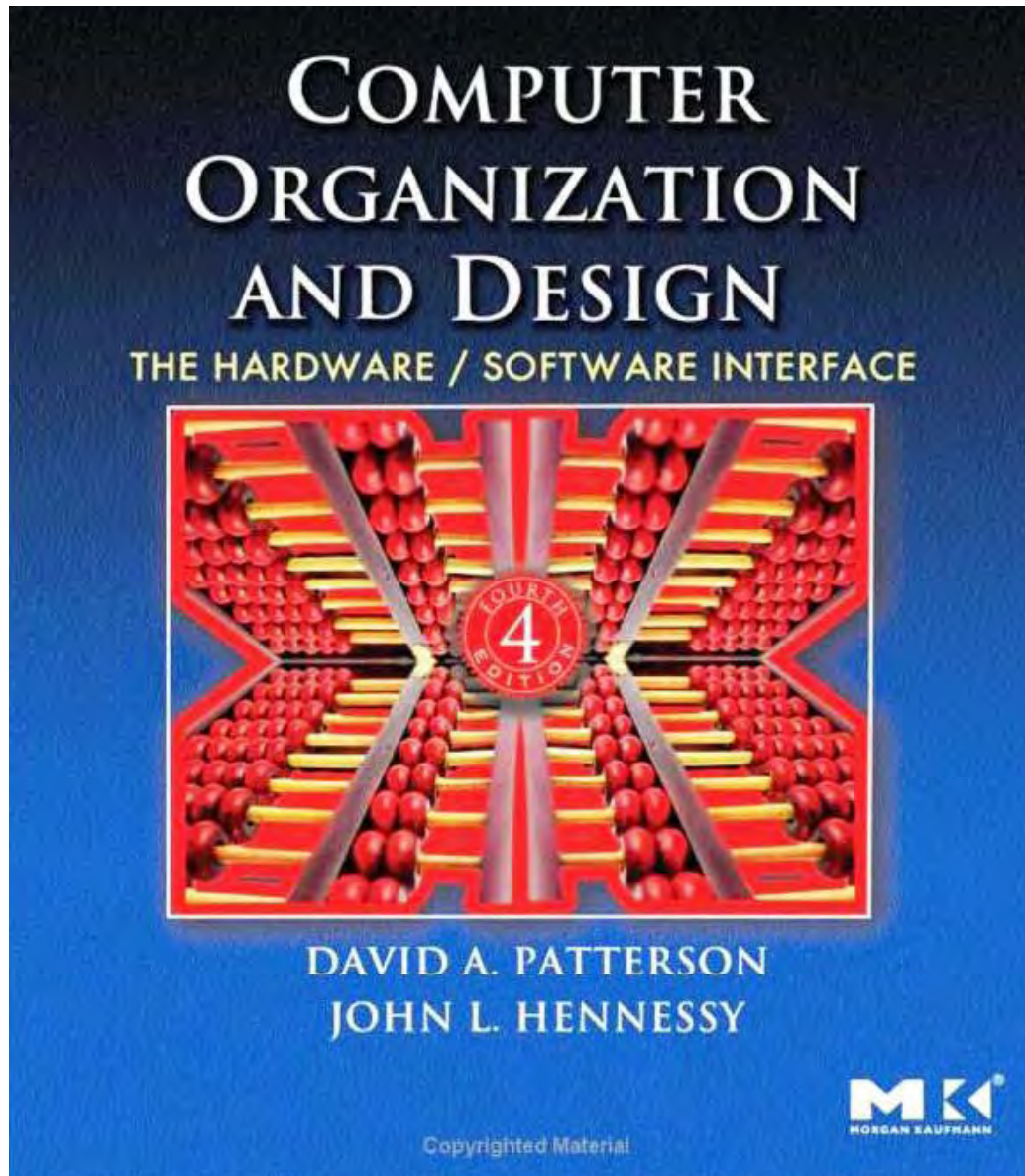


Course Syllabus and Description

- **Prerequisites:** CSCE 2050 Computer Science III.
- **Level of the Course:** The course is designed for first year undergraduate students.



Course Syllabus and Description



Text Book: Computer Organization and Design: The Hardware/Software Interface by D. Patterson and J. Hennessy, Morgan Kaufmann Publishing Co. (4th Edition)



Course Syllabus and Description

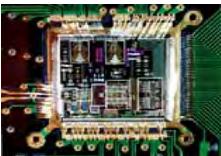
Selected Topics (Tentative):

- Basic Concepts
- Instruction Sets
- Computer Arithmetic
- Datapath
- Control
- Memory Hierarchies



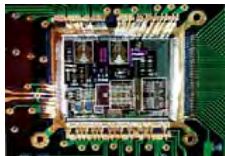
Course policy

- **Attendance for this course is mandatory** . In the case of absence due to unavoidable reasons, substantial documented evidence must be provided.
- Several **assignments** including exercise problems and design works will be given. The written or typed solutions for exercise problems and reports for design works must be submitted in the class **at the beginning of lecture** of the announced deadline, else **there will be late penalty of 20%**. Under no circumstances late assignment will be accepted two days after deadline and score for such assignment will be zero.
- Several surprise **quizzes** will be given in the class. There will be no make up quiz for any student under any circumstances.
- **There will be three tests of equal weightage.** There will be no final test. The tests will be approximately evenly spaced throughout the semester. The tests will be conducted in the same lecture room. The dates of the tests will be announced right on the 1st lecture, and the test dates will not be changed under any circumstances.



Course policy

- Any makeup test will not be given unless substantial documented evidence is provided for a reasonable excuse of absence. In the absence of the documented evidence the score for the test will be zero.
- Any questions regarding the test grades should be clarified **a week of returning the test**. If no complaint is formulated within one week after the grades are posted on the course web page, **it will be considered that the student accepted the grade and the corresponding grades are considered definite** .
- No student shall be compelled to attend class or sit for a test on a day or time prohibited by his or her religious belief.
- Dishonesty in this class will be handled as per the University of North Texas policy (<http://www.unt.edu/csrr>).
- If a students needs any special accommodations according to the American Disability Act, he or she should let the instructor know.



Tests Dates

Test No.	Date	% of Final Grade
Test 1	25th February 08 (Wed)	25
Test 2	25th March 08 (Wed)	25
Test 3	29th April 08 (Wed)	25

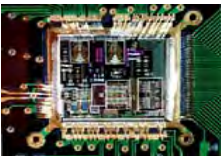
NOTE:

- Tests will be closed book and closed notes, and calculators are not allowed.
- Test dates will not be changes under any circumstances.



Grading Procedure

Items	% of Final Grade
Tests	75
Assignments	10
Quizzes	10
Discretion	5



Grading Policy

$A \geq 90$
$90 > B \geq 80$
$80 > C \geq 70$
$70 > D \geq 60$
$60 > F$

- NOTE:** (i) Grading policy may change if University or Dept. decide so.
(ii) There will be no border grade concessions.

