

CS 250
DISCRETE STRUCTURES
FALL 2009

Instructor: John Ranelli
138 Campbell Hall
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Office Hours: Tuesday and Thursday 2:30 – 3:25

Course Web Site: www.cis.uab.edu/ranelli Click on CS-250.

Course Objective: CS-250 introduces students to those topics in discrete mathematics which are fundamental to the study of computer science. Topics include elementary propositional and predicate logic, proofs, recursion, analysis of algorithms, relations, functions, graphs, Boolean algebra, computer logic, computation, and programming languages.

Course Prerequisites: CS201 and MA105

Required Text: *Mathematical Structures for Computer Science*
by Judith L. Gersting (Sixth Edition), W. H.
Freeman and Co., 2007

Students should pay particular attention to exercises and chapter problems.

Exams and Grades: Grades are determined as follows:

Problem Sets	12%	
Exam I	22%	Tuesday, September 8
Exam II	22%	Tuesday, October 6
Exam III	22%	Thursday, November 5
Exam IV	22%	Thursday, December 3

Class Policies

**In this class your BlazerID is used as your student ID.
DO NOT USE YOUR SSN on any assignments or tests.**

**Students must be present for ALL exams.
There are NO makeup exams.**

The last exam is NOT comprehensive.

Persons who audit may not take exams.

**Students may NOT use computers (desktop or laptop) during class
unless the instructor gives permission.**

All cellular phones must be turned OFF during class.

All pagers must be turned OFF or set to SILENT mode during class.

**The last day to withdraw is October 14. It is the responsibility
of the student to deliver drop forms to the office of the registrar.**

**Class begins at the designated time. Please arrive on time and stay for the
entire class. Arriving late or leaving early is very disruptive to class.**

Food and beverages are not allowed in rooms with computers.