

CSE 2353
Discrete Computational Structures
Spring 2008

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Discrete Mathematics with Proof
By Eric Gossett

Grading:

Test#1	25%
Test#2	25%
Final	25%
Homework	25%

The purpose of this course is to provide an overview of many of the Discrete Mathematical concepts which are important to computing. Many different topics will be presented and discussed during the semester. To ensure that the student understands the presented material, each major topic covered will have associated homework and/or programming assignments. Each student is expected to possess a working knowledge of some high level programming language

All homework assignments will be made in class and available online. Students will have at least one week to complete each assignment.

Students may discuss homework problems and approaches with each other, but must solve the problems and write up their solutions independently. It is an honor code violation to present as your own the material that is not your own.

Students found cheating will receive an automatic grade of 0 on that assignment. A second violation will result in a report to the Honor Council.

Extra Credit Assignments will be made throughout the semester during class.

Most class materials will be made available in Word format on the class Web site:
<http://www.engr.smu.edu/~mhd/2353sp08.html>

Disability Accommodations: Students needing academic accommodations for a disability must first contact Ms. Rebecca Marin, Coordinator, Services for Students with Disabilities (214-768-4557) to verify the disability and establish eligibility for accommodations. Then schedule an appointment with the Dr. Dunham to make appropriate arrangements. (See University Policy No. 2.4.)

Religious Observance: Religiously observant students wishing to be absent on holidays that require missing class should notify Dr. Dunham in writing at the beginning of the semester, and should discuss with her, in advance, acceptable ways of making up any work missed because of the absence. (See University Policy No. 1.9.)

Excused Absences for University Extracurricular Activities: Students participating in an officially sanctioned, scheduled University extracurricular activity will be given the opportunity to make up class assignments or other graded assignments missed as a result of their participation. It is the responsibility of the student to make arrangements with Dr. Dunham prior to any missed scheduled examination or other missed assignment for making up the work. (University Undergraduate Catalogue)

The following schedule is the tentative schedule for this semester. Actual homework will be assigned in class with the due date given at that time. The dates for tests are tentative and may be later than what is scheduled.

CSE2353 PRELIMINARY SCHEDULE

Date	Subject	Reading	HW
1/16	Introduction	Ch1	HW1
1/16-1/22	Sets	Ch 2.1	HW1
1/23-2/13	Logic	Ch 2.2-Ch 2.7	HW2
2/20	Test 1		
3/10-3/12	SPRING BREAK		
2/18-3/19	Proof Techniques	Ch 3	HW3
3/24-3/26	Counting Principles & Combinatorics	Ch 5	HW4
4/2	Test 2		
3/31-4/16	Relations & Functions	Ch 12	HW6
4/21	Graphs & Trees	Ch 10, Ch 11	HW7
4/23-4/28	Boolean Algebra	Ch 2.5, Ch 12.4, 12.5	
4/28	Review	-	
5/5	FINAL 3-6pm		

NOTE: We will meet on Tuesday 1/22