UTSA Computer Science Department
CS 2233: Discrete Mathematical Structures Spring 2014

1 Course Summary

This course is a survey and development of the theoretical tools suitable for
algorithmic applications. Topics include logic, mathematical induction, proofs,
set theory, functions, relations, graphs, and trees. The objectives of this course
are to introduce you to several mathematical concepts for analyzing computer
programs and to give you experience in the use of these concepts.

Prerequisites: CS 1713/1 Intro to CS, MAT 1223 Calculus II
Co-requisite: Must enroll in CS 2231

2 Instructor and TAs

Instructor: Jessica Sherette

- Office: FLN 3.01.04 #7
- Email: jlsherette@satx.rr.com
- Office Hours: TBA

TA: TBA

3 Meeting Times

Lectures: TR 4:00-5:15pm, FLN 3.02.02

Recitations:

- CS 2231-001 T 8:30-9:20am, FLN 3.02.10A
- CS 2231-002 R 2:30-3:20pm, FLN 3.02.10A

4 Required Textbooks

  Hill 2011.
5 Grading

- 20% Homeworks (9 - drop lowest score)
- 5% Quizzes (about 12 - drop lowest score)
- 20% Midterm 1 (Thursday, February 13)
- 20% Midterm 2 (Thursday, March 27)
- 35% Final (Monday, May 5, 3:15 - 5:45 pm)

Homeworks must be completed **individually**. Submission of homeworks with solutions copied from prior semesters or obtained from the Internet is academic dishonesty and will result in a failing grade for the course.

For each individual homework assignment, any score of 60% or higher will be rounded up to 100%.

6 Recitation Policy

Attendance in the recitations is required. You are allowed to miss two recitations, but every additional miss will result in a 3% reduction of the final grade. Illness, car break down, or other emergencies do not earn you more recitations that you are allowed to miss.

**It is your responsibility to ensure that the TA has recorded your attendance as well as your participation.**

The recitation grade will be the same as the lecture grade.

7 Late Policy

Without prior arrangements, missed exams and homework assignments result in a score of zero. In order to take a make-up exam, contact the instructor **prior** to the exam if you have to miss it for some valid reason; documentation may be required. Notification after the exam will result in a score of zero.

There are no late days of any type for homework assignments. Late homework will not be graded for credit. In extraordinary cases (a two-day cold does not count since you have over a week to complete the assignment), contact the instructor **prior** to the due date to get a homework extension.