CSCI-225 Mathematical Structures
Course Syllabus*
Spring 2016

Course Description

Introduction to the fundamental mathematical concepts and structures used in computer science. Topics include propositional and predicate logic; sets, functions and relations; mathematical induction, counting principles and recurrences; trees and graphs. Topics implemented in Java.

Course Lecture Times

T/TH: 12:30-1:45 p.m., McKinney 228

Required Materials

Discrete Mathematics with Applications
Epp, Susanna
ISBN: 9780495391326

Course Content

Chapters: 2, 3, 1, 4, 5, 6, 8, 9, 10, 12

Exam Schedule

Midterm Exam I	Thursday, March 3	In class
Final Exam	Thursday, May 5	8:00 – 10:00 a.m.

Grading

You will be evaluated on quizzes, a midterm exam and a comprehensive final exam.

- All exams will be comprehensive.
- All exams will be closed-books and closed-notes.

Final numeric grades are based on the following percentages:

	Percent of Final Grade
Quizzes	30
Midterm Exam	30
Final Exam	40
Total	**100**

* The policies written in my 2015-2016 Syllabus Addendum accompanying this syllabus also apply to this course.