

Syllabus: Mathematics 2305 - 01 – Discrete Mathematics – Spring 2012

Meetings: 12:30 – 1:45 TR, Lucas 118

Instructor: W. Ted Mahavier, Office: Lucas 200E
E-mail: wtm@mathnerds.com or ted.mahavier@lamar.edu
Office: 880.2290, Home: 347.1809, Cell: 409.338.8908 (If u txt, put ur NAME)

Office Hours: MWF 8-10 & 1:30-2:30; TR 8-11, 2-3; by appt; or anytime I'm in my office.

Text: Materials provided by instructor, www.mathnerds.org/ted, click “discrete”

Co-requisite Course: Calculus I (i.e. you must have taken, or be currently taking Calculus I)

Course Goals and Objectives: To actively involve the students in the process of learning the mathematics provided while developing their appreciation of the subject.

Course Content: set theory, functions, induction and recursion, spanning trees, equivalence relations, counting, finite state machines, and machine minimization

Test Dates: Midterm – you'll vote, we'll pick a date that works for the majority!

Exam Date and Time: 11:00-1:30, Tuesday, May 15th.

Course Requirements: willingness to learn independently, scientific calculator (no graphing or symbolic calculators allowed on exams – but they are GREAT for checking work and learning!), three ring notebook

Grading:	midterm + final:	50%
	board work:	50%

Honesty policy: Any behavior outlined in <http://www.lamar.edu/academic-policies-s> will receive a grade of “F” on the paper, test and possibly in the course.

Students With Disabilities: I'll help in any way that I can! Please see <http://dept.lamar.edu/sfswd/> to learn more about the services Lamar offers.

Attendance Policy: You are responsible for everything that goes on in class regardless of the reason for an absence. I reserve the right to drop any student with three unexcused absences.

Make-ups: Make-ups will be given during the last week of classes. It is your responsibility to contact me to set a date for taking the makeup.

Drop dates: Final date to drop without penalty: See www.lamar.edu, view Academic Calendar
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Note: I reserve the right to vary from this syllabus and probably will.