SYLLABUS

Math 325, Spring 2020
Section 001, CRN 15459
Discrete Mathematics II

Time:	TR 10:30 - 11:45
Place:	Robinson B, Room 120
Instructor:	Walter Morris
Office:	Exploratory Hall, Room 4207
Phone:	993-1481
Office Hours:	T 12:00-2:45, R 12:00 - 1:00, 4:15 - 5:00
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Math 325 is a second course in Discrete Mathematics. The goal of the course is to look more deeply at the mathematical structures encountered in Math 125 and introduce some new ones as well. The ability to read and write proofs will also be enhanced by this course. The prerequisite for the course is a C or better in MATH 125.

The text for the course is **Combinatorics and Graph Theory**, 2nd edition, by Harris, Hirst and Mossinghoff, published by Springer. I expect to cover sections 1.3, 1.5 - 1.8, 2.1 - 2.3, 2.6, 2.8, and 2.10. Roughly half of the course will cover graph theory (Chapter 1) and half will cover other topics in combinatorics (Chapter 2). The prerequisite for this course is Math 125. It will be important that you come to class. Many students taking a course like Math 325 find that having their questions answered in class helps them immensely. I will be happy to answer any questions that you might have in class.

The homework assignments and other announcements can be found on the Blackboard page.

Spring Break is March 9-15.

There will be two in-class tests, which we will tentatively schedule for February 20 and April 2. Each of the in-class tests determines 25% of the final grade. The final exam is cumulative. It will be given on **May 7, at 10:30 AM.** One third of the final grade is determined by the final exam. There will also be homework to be handed in, which will determine one sixth of the grade.

If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services (ODS) at 993-2474. All academic accommodations must be arranged through the ODS.

Feel free to come to my office if you have any questions. I check my e-mail daily, so you can also ask questions that way. Be certain that you understand all of the homework assigned and all of the assigned reading, and that you ask questions in or out of class in order to clear up any problems you might have. Bear in mind that the questions that you ask in class help not only you, but also the professor and all of the others who had the same questions but were afraid to speak up.