

George Mason University
Math 125
Discrete Mathematics

Instructor: Trey Andreani
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Office: Blackboard Collaborate

Section: 001
Lecture: Videos (Blackboard)
Office Hours: T 2:00 - 3:00 PM

Prerequisite: Score of 13 or better on the Math Placement Test, or Grade of C or better in MATH 105, or Grade of C or better in MATH 108, or Grade of C or better in MATH 113.

Description: Introduces ideas of discrete mathematics and combinatorial proof techniques including mathematical induction, sets, graphs, trees, recursion, and enumeration.

Textbook: Discrete Mathematics with Graph Theory, 3rd Edition by Goodaire.
ISBN: 9780134689555

Technology: No calculators or computer programs will be allowed at any point in the course. A webcam is required to take exams. You may purchase one, or use your smartphone as a webcam when logging into Blackboard.

Homework: Homework will be assigned weekly, and will be posted under the corresponding Blackboard link. Completing the homework assignment is the bare minimum of work you should be doing outside of class. Additional problems are available for those who would like extra practice. Homework will not be collected, but completing it is essential to passing the course.

Quizzes: There will be a short quiz posted to Blackboard each week. You must complete it and submit your work through Blackboard. Problems will be based on the current homework.

Exams: There will be two exams and final exam. You must be logged into the Blackboard online classroom with your audio and camera enabled. This will allow me to observe everyone and ensure the integrity of the examination environment. Make-up exams will only be given for extreme circumstances, must be accompanied by official documentation, and I must be notified in advance.

Final Exam: The final exam will be cumulative. The date and time are set by the university, and are non-negotiable.

Grading:

Quizzes - 10%

Exams - 30% x2

Final Exam - 30%

Academic Integrity: Honor code violations will not be tolerated.

Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.

Tutoring Center: The Mathematics Tutoring Center is located in the Johnson Center room 344. Please see the website for hours of operation.

<http://math.gmu.edu/tutor-center.php>

Important Dates:

Classes Begin - January 25

Last Day to Drop with no Tuition Penalty - February 12

Last Day to Drop (50% Refund) - February 16

Unrestricted Withdrawal Period - February 17-March 1

Final Exam - Saturday May 8 2:00 - 4:00 PM

Schedule: (Subject to Change)

	Weekly Material	Saturday
1/25	0.1, 0.2	
2/1	1.1-1.3	
2/8	2.1-2.2	
2/15	2.3-2.4	
2/22	3.1-3.3	Exam 1 Chapters 0-2 10:30am - 12:30pm ET
3/1	4.1-4.3	
3/8	5.1-5.2, 6.1	
3/15	6.2, 7.1-7.2	
3/22	7.3-7.5	
3/29	7.6, 7.7	
4/5	9.1-9.3	Exam 2 Chapters 3-7 10:30am - 12:30pm ET
4/12	10.1-10.2, 10.4	
4/19	12.1-12.3	
4/26	13.1-13.2	
5/3		Final Exam