George Mason University
Math 125
Discrete Mathematics

Instructor: Trey Andreani
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Office: Exploratory Hall 4407
Office Hours: W 4:45 - 5:45 PM

Section: 002
Time: MW 5:55 - 7:10 PM
Room: Planetary Hall 131

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: 0131679953

Technology: No calculators will be allowed at any point in the course. No phones, tablets, laptops, etc. will be allowed in the classroom. If you violate this policy you will be asked to leave, and will receive a zero on any of that day's assignments.

Homework: Homework will be assigned at the end of each class. 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. Each week selected problems will be collected and graded.

Exams: There will be two exams during the course. You may not leave the classroom during an exam for any reason. Please come to class prepared. Make-up exams will only be given for extreme circumstances, and must be accompanied by official documentation.

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

Grading:

| Homework - 10% | Exams - 25% x2 | Final Exam - 40% |

Academic Integrity: Honor code violations will not be tolerated. All infractions will be met with the most severe possible consequences.

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 22
Last Day to Drop with no Tuition Penalty - January 29
Last Day to Drop - February 23
Final Exam - May 14 4:30 - 7:15 PM

Schedule: (Subject to Change)

	Monday	Wednesday
1/22	0.1, 0.2	0.2, 1.1
1/29	1.2	1.3, 2.1
2/5	2.1, 2.2	2.2, 2.3
2/12	2.4, Review	3.1, 3.2
2/19	**Exam 1**	3.2, 3.3
2/26	4.1, 4.2	4.2, 4.3
3/5	5.1, 5.2	6.1, 6.2
3/12	Spring	Break
3/19	6.2, 7.1	7.2, 7.3
3/26	7.3, 7.5	7.6, 7.7
4/2	7.7, Review	9.1, 9.2
4/9	**Exam 2**	9.2, 9.3
4/16	10.1, 10.2	10.2, 10.4
4/23	12.1, 12.2	12.2, 12.3
4/30	13.1, 13.2	13.2, Review
5/14	**Final Exam 4:30 - 7:15 PM**	