

Discrete Mathematics	Horizon 1014
MATH 125-005	MW 12:00-1:15pm
Instructor: Dr. Brent Gorbitt	Office: Exploratory Hall 4223
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Text: Discrete Mathematics with Applications, by Susanna Epp. The e-text is available through WebAssign in the "Course Content" folder.

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

Learning Assistant: We are fortunate enough to have a learning assistant for our class, Kenneth Johnson. He will be in class to help answer questions and will hold office hours as well.

Office Hours: I'll be in my office available for office hours Monday and Wednesday from 11:00am-12:00pm or by appointment.

Grading: Below are the components that will make up your grade for the class:

Homework	100 points
Class Participation	100 points
Midterm 1	100 points
Midterm 2	100 points
Final Exam	150 points

Your final grade will be computed by dividing your total number of points from the above categories by 5.5.

Grade Scale: Below is the grading scale. I do not plan on curving your grades.

90% -100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
<60%	F
+/-	Used at instructor's discretion

Homework: The homework is assigned through the WebAssign link in the BlackBoard. Homework from each week will be due the following Wednesday.

Class Participation: I expect you to attend class. We'll be working on problems in small groups at the whiteboards in the classroom, and I do pay attention to attendance.

Tests: We'll have two midterms and a final exam. All of them will be taken in class.

Mason COVID Safety Plan: For full details and guidelines please visit <https://www2.gmu.edu/safe-return-campus>.

Disability Statement: If you are a student with a disability and you need academic accommodations, please contact the Office of Disability Resources at 703.993.2474 or online at <http://ods.gmu.edu>. All academic arrangements and accommodations must be made through ODS.

University Honor Code: You are expected to follow the GMU Honor Code: <https://oai.gmu.edu/mason-honor-code/>. You'll need to put anything like a phone, tablet, laptop, smart watch, etc. away in your bag during the exams. Cheating on or having an electronic device out during an exam will result in a grade of 0 for the exam.

University Diversity Statement: You are expected to act in accordance with the GMU Diversity Statement: <http://ctfe.gmu.edu/professional-development/mason-diversity-statement/>

A few suggestions to help you get as much as possible out of this class:

- Come to class. We'll be covering the material and the important concepts and ideas during lectures. Questions and discussion are welcome.
- Use the book. This is the single best thing that you can do to learn the material. .
- Work problems. The best way to learn anything is to do it, math included.
- Ask for help. I'm here to help you learn.
- The Math Tutoring Center is open for walk in tutoring. You can find out more about it at [\\ \url{https://science.gmu.edu/academics/departments-units/mathematical-sciences/math-tutoring/tutoring-center-hours-and}](https://science.gmu.edu/academics/departments-units/mathematical-sciences/math-tutoring/tutoring-center-hours-and).