

Discrete Mathematics, I
MATH 125, section 004
Fall, 2018
MW 1:30–2:45
Innovation Hall, room 134

Professor J. Lawrence
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Tele. 703-993-1466
Office hours: MW 4:30-5:00,
and by appointment
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Course web pages: <http://math.gmu.edu/~lawrence/m125/m125.htm>

Text: *Discrete Mathematics with Graph Theory*, by Goodaire and Parmenter. Published by Pearson, third edition (2018).

We will cover some of the material from chapters 0–7, 9, 10, 12, and 13, including most of the material in chapters 2, 5, 6, 7, and 10 of the text. The topics covered will include: types of proofs and how to read proofs; graphs and trees; sets and counting; sequences defined recursively.

Your grade will be computed as an average, with the following weights. Quiz grade: 20%; first and second tests: 25% each; final exam: 30%.

A ⁺ : 97-100	B ⁺ : 87-89	C ⁺ : 75-79	F : below 60
A : 93-96	B : 83-86	C : 70-74	
A ⁻ : 90-92	B ⁻ : 80-82	D : 60-69	

The **final exam** will be Wednesday, December 12, 1:30–4:15. Tentative dates for the **mid-term tests** are September 26 and November 7.

As a matter of course, students are expected to exhibit integrity and self-respect, and in particular, to adhere to GMU's **Honor Code**. Here is the relevant policy for this class: Your work on tests and quizzes should be your own work, done without collaboration and without the help of any electronic devices.

Contact the **Office of Disability Services** if you are a student with a disability and need academic accommodations. For more information, call ODS at 993-2474, or visit <http://ods.gmu.edu> .

Math Tutoring Center: Johnson Center, room 344. Additionally, the math department (Exploratory Hall, room 4400; 703-993-1460) maintains a list of **tutors** for hire. For the list, tutoring center hours, and other resources, check here:

<http://math.gmu.edu/help-with-math.php> .