

Probability	Professor J. Lawrence
MATH 351, section 1	Exploratory Hall, room 2 <sup>2</sup> × 1051
Spring, 2020	Tele. 703-993-1466
MW 1:30–2:45 p.m.	Office hours: MW 4:30–5:30,
Aquia Building, 213	and by appointment
	lawrence@gmu.edu

**Course web pages:** <http://math.gmu.edu/~lawrence/m351/m351.htm>

**Text:** *Probability: A Lively Introduction*, by Henk Tijms. Cambridge, 2018.

This course on probability covers the fundamental ideas of the subject, including discrete and continuous random variables, expected value and variance of a random variable, jointly distributed random variables, independence and conditional probability, and culminating with the central limit theorem. The topics covered will include much of the material from chapters 1 through 8 of the text.

Required work: two mid-term tests; homework; frequent quizzes; final exam.

Your grade in the course will be based upon your quiz and test grades. These will be averaged, with weights as follows: quiz grade, 10%; each test, 30%.

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

**Tentative test dates:** The mid-term tests are tentatively scheduled for February 19 and April 1, both Wednesdays. The final exam will be Wednesday, May 6, 1:30–4:15. Calculators and other electronic devices will not be permitted during tests. Make-up exams will not be given.

**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> .

Contact the **Office of Disability Services** if you are a student with a

disability and need academic accomodations. For more information, call ODS at 993-2474, or visit <http://ods.gmu.edu> .

**Integrity** is expected. GMU's revered honor system is over 150 years old - much older than GMU itself. Here is relevant policy concerning academic integrity in this class. On tests and quizzes, your work is expected to be exactly that: your work, done without assistance. However, on homework, outside assistance or assistance from other class members is condoned. (That said, homework is most helpful to you if you try extremely hard to work all the problems without any assistance, not even the assistance of the answers in the back of the book. Attempt all the problems in this way, and only then look in the back!)