

Probability  
MATH 351, section 1  
Spring, 2020  
MW 1:30–2:45 p.m.  
[NOT Aquia Building, 213](#)

Professor J. Lawrence  
Exploratory Hall, room 2<sup>2</sup> × 1051  
Tele. 703-993-1466  
Office hours: [MW afternoons, by email,](#)  
and by appointment  
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**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 (for second test) [April 15, a Wednesday](#). The final exam will be [Wednesday, May 13, 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:** [The Math Tutoring Center will be offering on-line tutoring services to students currently enrolled in undergraduate Math courses at GMU.](#)

To access the Math Tutoring Center online you need to login to Blackboard, click on the Organizations tab, locate the Math Tutoring Center Organization and self-enroll in this organization.

Students should post their questions in Piazza in the folder corresponding to their course. Please state your questions clearly, consider uploading a pdf file that contains your questions. Tutors will be answering your questions as soon as possible, expect to receive an answer by the following business day, although there might be delays. If you received answers for your questions and need further clarifications, you can join an active Blackboard Collaborate session.

The Blackboard Collaborate sessions will be running during the weekdays.

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> .

**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!)