

MATH 328 - Probability, Spring 2018
HEG 102, TTR 1:30-2:50 pm

Instructor: Dr. Stefan Mendez-Diez

Office: Albee 304

Office Phone: 758-7093

Email: smendezdiez@bard.edu (Responses may take up to 24 hrs and are not guaranteed on weekends. Please plan accordingly).

Office Hours:

Textbook: *Introduction to Probability with Statistical Applications*, by Géza Schay

Course Description:

A calculus based introduction to probability with an emphasis on computation and applications. Topics include continuous and discrete random variables, combinatorial methods, conditional probability, joint distributions, expectation, variance and covariance. The prerequisites are MATH 241, MATH 245, PHYS 221 or permission of the instructor.

Communication:

All course material will be posted on the course website. Urgent announcements may be sent out via campus email. It is your responsibility to regularly check your campus email and the website for updates. The website for the course can be found at:

faculty.bard.edu/smendezdiez/math328/

Attendance:

You are expected to attend class and actively participate. This requires you read the section being covered before class. Every Friday the sections being covered the following week will be posted to the website.

Homework:

Homework problems will be assigned roughly every week and listed on the website. You should check the website regularly for announcements and other important tools. Homework problems will be due one week after they are assigned. You are strongly encouraged to work on assignments with your classmates. However, your solutions should be written by yourself and in your own words. Indicate in writing anyone you worked with or received help from. **No late assignment will be accepted.**

Examinations:

There will be two in-class midterm exams and a final exam. No make-up exams will be given without medical or college-approved documentation. Athletes must give an advance notice of a team conflict. All exams will be closed-book and closed-notes, and the use of cellphones, tablets, laptop computers, and programmable/graphing calculators is not permitted during exams; however, you are allowed to use scientific calculators (which has trigonometric, exponential and logarithmic functions). The tentative exam dates are:

Midterm Exam 1: Thursday, March 8

Midterm Exam 1: Thursday, April 18

Final Exam: Tuesday, May 22

Final Grades:	Homework Assignments	30%
	Midterm Examinations (Each)	20%
	Final Examination (Wednesday, December 14)	30%

A	93 - 100	B-	80 - 82	D	60 - 69
A-	90 - 92	C+	77 - 79	F	0 - 59
B+	87 - 89	C	73 - 76		
B	83 - 86	C-	70 - 72		

Accommodations:

• Students with documented learning and/or other disabilities are entitled to receive reasonable classroom and testing accommodations. If you need accommodations, please adhere to the following guidelines:

- ▶ **Discuss your needs with the instructor at the beginning of the semester.**
- ▶ **Provide documentation as appropriate.**
- ▶ **Contact the instructor at least one week prior to each quiz, exam or instance of accommodation.**

• If you need to miss a class for any reason (sports team, religious holiday, etc.), it is your responsibility to contact the instructor and find out about the material and assignments you missed.

Academic Integrity:

Consult Academic Dishonesty and Plagiarism or the Bard College Student Handbook regarding this matter.