

Math 447 - Probability Theory  
Fall 2021, LN 2409, MWF 8:00-9:30

Instructor: David Renfrew

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Office: Whitney 130

Office Hours: M 10-11 W 11-12 Th 10:30-11:30

And by appointment

**Text:** Mathematical Statistics with Applications, 7th edition by Wackerly, Mendenhall, and Scheaffer. Chapters 2-7

**Homework:**

1. Homework will be assigned weekly and posted my website.  
(<http://people.math.binghamton.edu/renfrew/MATH447/MATH4472021.html>)
2. Part of the homework will be handwritten and part on webwork.
3. I will drop the two lowest homework scores.
4. Students must properly cite and attribute all sources used for assignments.

**Exams:**

1. There will be two in-class midterms and one in-class final.
2. The exams will be closed book and closed notes.
3. Midterm 1: Friday, October 8, 2021, Midterm 2: Friday, November 12, 2021.
4. The date of the final will be determined by the university.
5. Calculators or any other electronic devices are not allowed on the exam.
6. No make up exams will be given. If you have an issue with a test date, talk to me as soon as possible.
7. All requests for regrades must be submitted in writing.

**Grading:**

Homework - 30%

Midterms - 20% each

Final Exam - 30%

Grading scale: A: 90%+, B: 80%+, C: 70%+, D: 60%+, F: 0%+

**Prerequisite**

The prerequisite for Math 447 is a grade of C or better in Math 323. If you do not have this prerequisite you will struggle with Chapter 5, and perhaps even earlier. If you do not have the prerequisite, you are not eligible to take this class.

## **Time Expectations**

This course is a 4-credit course, which means that students are expected to do at least 12.5 hours of course-related work or activity each week during the semester. This includes scheduled class lecture/discussion meeting times as well as time spent completing assigned readings, studying for tests and examinations, participating in lab sessions, preparing written assignments, and other course-related tasks. Please note that 12.5 hours is the minimum amount of time recommended by Binghamton University to succeed in a 4-credit course.

## **Disability-related Equal Access Accommodations**

Students who wish to request academic accommodations to insure their equitable access and participation in this course should notify the Instructor by the second week of the class. Authorizations from Services for Students with Disabilities (SSD) are generally required. We encourage you to contact SSD at (607) 777-2686 and to schedule an appointment with the Director or Learning Disabilities Specialist. Their website (<http://www.binghamton.edu/ssd>) includes information regarding their Disability Documentation Guidelines. The office is located in UU-119.

## **Academic Dishonesty**

Cheating is considered a very serious offense. According to the University Catalog, cheating consists of: Giving or receiving unauthorized help before, during or after an examination. The full strength of Binghamton Academic Honesty Policy will be applied to anyone caught cheating. This may include failing the course, and further disciplinary action. Students must properly cite and attribute all sources used for assignments. Students may not collaborate on exams, directly or through virtual consultation. Posting an exam, assignment, or answers to them on an online forum (before, during, or after the due date), in addition to consulting posted materials, constitutes a violation of the university's Honesty policy. Likewise, unauthorized use of live assistance websites, including seeking expert help for specific questions during an exam, will be construed as a violation of the honesty policy. All students should be familiar with the University's Student Academic Honesty Code. Students found cheating will be reported to the Harpur College Honesty Committee as a Category II offense.

No electronic communication devices such as cell phones and portable computers are allowed in these examinations. Exam problems are based on the homework assignments, reading assignments with sample exercise problems, and problems and examples worked out in class.

No make up examination will be given. If you missed a midterm exam due to circumstances beyond your control, please contact the instructor as soon as possible for a conference. If you have an official excuse on the day of a midterm exam, then please let the instructor know at least a week in advance for arrangement of your grade.

**Student Illness** If you become ill or are asked to go into quarantine/isolation, you are not allowed to attend class in person. You should immediately notify the instructor and follow instructions from health providers and/or health authorities. Students who exhibit symptoms should call the Decker Student Health Services Center at 607-777-2221 first.

**Masks** Everyone is required to follow the University's rules on mask wearing. Anyone not wearing a mask will be asked to leave the room immediately, and may not return until a mask is worn. If a student does not wear a mask, I will immediately cancel the remainder of the class session and inform the dean's office, which will work with the Student Records office to issue a failing grade (?F?) for the course regardless of when in the semester the incident occurs. The dean's office will also inform the Office of Student Conduct.