

Math 448 - Mathematical Statistics
Spring 2022, CW 307, MWF 8:00-9:30

Instructor: David Renfrew

Office: Whitney 130

Email: renfrew@math.binghamton.edu Office Hours: M 11:00-12:00, W 10:00-11:00 Th 10:30-11:30

And by appointment (possibly over Zoom)

Course Website:

1. <http://people.math.binghamton.edu/renfrew/MATH448/MATH4482022.html>.
2. The Course Schedule, Course Updates, and Assignments will be posted here.
3. Assignments and grades will be posted on Brightspace.

Text: Mathematical Statistics with Applications, 7th edition by Wackerly, Mendenhall, and Scheaffer. Chapters 7-10

Prerequisite

The prerequisite for Math 448 is a grade of C or better in Math 447.

Grading:

Homework - 20%

Midterms - 25% each

Final Exam - 30%

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

Homework:

1. Homework will be assigned weekly and posted on Brightspace and the course website.
2. You must cite any sources outside the course book and notes that you use.
3. I will drop the lowest homework score.

Exams:

1. There will be two midterms and one final.
2. Midterm 1: Friday, February 25, 2022, Midterm 2: Friday, April 1st, 2022.
3. The date of the final will be determined by the university.
4. Calculators or any other electronic devices are not allowed on the exam.
5. No make up exams will be given. If you have an issue with a test date, talk to me as soon as possible.
6. All requests for regrades must be submitted in writing.

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.

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.