

Instructor: [Prof. Wang](#)

Textbook: Statistical Inference, George Casella and Roger Berger, 2nd Edition

Prerequisites: Math 662 with a grade of C or better.

Location and Time to Meet: Lectures 06:00 pm-08:50 pm at Faculty Memorial Hall 309 every Tuesday from Jan,16,2024 to April,30,2024

Grading Policy: The final grade in this course will be determined as follows:

▪ Homework & Quizzes:	30%
▪ Midterm Exam:	30%
▪ Final Exam:	40%

Your final letter grade will be based on the following tentative curve.

A	90-100	C	68-74
B+	85-89	D	50-67
B	80-84	F	0-49
C+	75-79		

Drop Date: Please note that the University Drop Date **Jan 22,2024** deadline will be strictly enforced.

Homework Policy: Homework problems will be assigned in class.

Attendance: Attendance at all [classes](#) will be recorded and is **mandatory**. Please make sure you read and fully understand the Department's [Attendance Policy](#). This policy will be **strictly** enforced.

Makeup Exam Policy: There will be **NO MAKE-UP EXAMS** during the semester. In the event the Final Exam is not taken, under rare circumstances where the student has a legitimate reason for missing the final exam, a makeup exam will be administered by the math department. In any case the student must notify the **Math Department Office and the Instructor** that the exam will be missed and present written verifiable proof of the reason for missing the exam, e.g., a doctors note, [police report](#), court notice, etc., clearly stating the date AND time of the mitigating problem.

Further Assistance: For further questions, students should contact their Instructor. All Instructors have regular office hours during the week. These office hours are listed at the link above by clicking on the Instructor's name. Teaching Assistants are also available in the math learning center.

Cellular Phones: All cellular phones and beepers must be switched off during all class times.

MATH DEPARTMENT CLASS POLICIES LINK

All DMS students must familiarize themselves with and adhere to the Department of Mathematical Sciences Course Policies, in addition to official university-wide policies. DMS takes these policies very seriously and enforces them strictly. For DMS Course Policies, please [click here](#).

Jan, 15, 2024	M	Martin Luther King, Jr. Day
Apr, 1, 2024	M	Last Day to Withdraw from this course
Mar, 10, 2024	Sunday	Spring Recess, no classes
Mar, 16, 2024	Saturday	Spring Recess ends
May, 1, 2024	W	Reading Day
May, 3-9, 2024	F-Thurs	Final Exams

COURSE OUTLINE:

Course Outline				
Date	Lecture	Chapter	Topic	Assignment
Week 1 01/16	1	Chapter 5	Properties of a random sample	
Week 2 01/23	2	Chapter 5	Properties of a random sample	
Week 3 01/30	3	Chapter 6	Principles of Data Reduction	
Week 4 02/06	4	Chapter 6	Principles of Data Reduction	
Week 5 02/13	5	Chapter 7	Point estimation	
Week 6 02/20	6	Chapter 7	Point estimation	
Week 7 02/27	7	Chapter 7	Point estimation	

Week 8 03/05	8	Chapter 7	Point Estimation & Midterm Review	
Week 10 03/19	9		Midterm Exam	
Week 11 03/26	10	Chapter 8	Hypothesis testing	
Week 12 04/02	11	Chapter 8	Hypothesis testing	
Week 13 04/09	12	Chapter 9	Interval estimation	
Week 14 04/16	13	Chapter 9	Interval estimation	
Week 15 04/23	14	Chapter 10	Asymptotic Evaluations	
Week 16 04/30	15		↳ REVIEW FOR FINAL EXAM	
Finals				