Course Syllabus

Probability & Statistics I

Course Information

Course Name: **Probability & Statistics I**

Course Code: Math 1110-01

Semester: Summer 2024

Class meeting : MTWRF 09:00AM - 10:45AM @ Online (Zoom link: **https://tulane.zoom.us/my/naufil** ⮕ **(https://tulane.zoom.us/my/naufil)**)

Recitation:

MATH 1110-01 Tuesday and Thursday, 02:00PM - 03:15PM @ Online (Zoom link: **https://tulane.zoom.us/j/93196091934?pwd=eXBzWS9TdHRaQzR3ajJJMi9qdk1tQT09** ⮕ **(https://tulane.zoom.us/j/93196091934?pwd=eXBzWS9TdHRaQzR3ajJJMi9qdk1tQT09)**)

Contact Information

Name	Naufil Sakran	Dipendranath Mahato
Role	Instructor	Teaching Assistant
Email	**nsakran@tulane.edu (mailto:nsakran@tulane.edu)**	**dmahato@tulane.edu (mailto:dmahato@tulane.edu)**
Office hour	Monday and Wednesday, 10:45-12:00 PM (**Online Zoom** ⮕ **(https://tulane.zoom.us/my/naufil)**)	Tuesday and Thursday, 1:00 - 2:00 PM (**Online Zoom** ⮕ **(https://tulane.zoom.us/j/93196091934?pwd=eXBzWS9TdHRaQzR3ajJJMi9qdk1tQT09)**)

Required Materials

Introduction to Probability and Statistics by William Mendenhall, Robert J. Beaver, Barbara M. Beaver 15th Edition

NTC Undergrad Bundle digital materials:

- ○ This course contains materials that are part of the NTC Undergrad Bundle.
  The digital materials required for this course have been integrated with Canvas and can be found in the NTC Undergrad Bundle Course Materials link in your Canvas course. Please sign into Canvas to access your course and course materials.

If you have opted out of NTC Undergrad Bundle, be sure to purchase your course materials before the last day to add a course from an alternative source. If you do not redeem a code before the last day to add or drop, you will not be able to access your material. Once you purchase your material, you will be able to pick up where you left off with your assignments or reading

Syllabus

Book: Introduction to Probability and Statistics by William Mendenhall, Robert J. Beaver, Barbara M. Beaver 15th Edition

- **Chapter 1:** Section 1.1 to 1.4.

- **Chapter 2:** Section 2.1 to 2.4.

- **Chapter 3:** Section 3.1 to 3.2.

- **Chapter 4:** Section 4.1 to 4.4.

- **Chapter 5:** Section 5.1 to 5.4.

- **Chapter 6:** Section 6.1 to 6.3.

- **Chapter 7:** Section 7.1 to 7.5.

- **Chapter 8:** Section 8.1 to 8.7.

- **Chapter 9:** Section 9.1 to 9.5.

Course Calendar

Week	Dates	Section	Topics	Notes
1	May 28 - May 31	1.1 to 1.4, 2.1 to 2.4, 3.1 to 3.2, and 4.1 to 4.2	Chapter 1, Chapter 2, Chapter 3 and Chapter 4	

Week	Dates	Section	Topics	Notes
2	June 3 - June 7	4.2 to 4.4, and 5.1 to 5.4	Chapter 4 and Chapter 5	
2	June 7		Chapter 1 - Chapter 5	**Midterm 1**
3	June 10 - June 14	6.1 to 6.3, and 7.1 to 7.3	Chapter 6 and Chapter 7	
4	June 17 - June 21	7.3 to 7.5 and 8.1 to 8.7	Chapter 7 and Chapter 8	
4	June 19			**Juneteenth Holiday** ⤷ **(https://registrar.tulane.edu/academic-calendars/undergraduate)**
4	June 21		Chapter 5 - Chapter 8	**Midterm 2**
5	June 24 - June 26	9.1 to 9.5	Chapter 9	
5	June 28			**Final Exam**

The exact dates for each topic are subject to changes. Exam dates are fixed.

Evaluation Procedures and Grading Criteria

Course grades will be based on homework assignments, quizzes, two midterm exams, and a final exam. Check deadlines carefully and plan ahead; late work will not be accepted without prior approval.

Assessment	Weight
Homework (WebAssign)	15%
Quizzes (Recitations)	15%
Midterm 1	20%
Midterm 2	20%
Final Exam	30%
Total	100%

Exam Structure

- **Midterms:** The midterm are scheduled during regular class hours. I will upload the exam on Canvas, and students will take the exam during class time. The exam will be 1 hour long. That is, the first 40 minutes will be dedicated to the class syllabus and reviewing midterm material, and the remaining time will be for the exam. You will be given extra time to take pictures and upload the exam on Canvas.

- **Quizzes:** The quizzes are scheduled during the last 20 minutes of the recitation time. A worksheet will be uploaded on Canvas, and students are required to complete the worksheet and upload it to Canvas. Extra time will be given to upload the worksheet to Canvas.

- **Final Exam:** The final exam is scheduled for June 28 from 9:00 to 11:00 AM. The final exam sheet will be uploaded on Canvas, and students are required to complete the worksheet and upload it to Canvas. Extra time will be given to upload the worksheet to Canvas.

- **Instructions for Submission:** It is highly recommended that students download the exam pdf on their iPads and solve it with respect to each question. An example can be seen **here ⇨ (https://drive.google.com/file/d/1Vycq-uojoGere7I10KLOfIfQyMHIH_Ai/view?usp=sharing)** *(just see the pattern)*. If such technology is not available, then please solve it on paper and dedicate 1 page for each question, clearly labeling the page for the corresponding question.

Makeups

- **Exams:** The Exam will be scheduled on Friday and Makeups will be scheduled on the following Saturday or Sunday. The makeup exam is only for students with genuine reason. You should inform the instructor at least 3 days prior to the exam date for the makeup exam.

- **Students with extended absences** should reach out to a Tulane case manager at **Case Management and Victim Support Services (https://cmvss.tulane.edu/)**. We will address each student's situation on a case-by-case basis.

Letter Grade Scale

Below is the table for the course letter grade. Scores will NOT be rounded up or down to the nearest integer.

Total Score	Grade
93–100	A

Total Score	Grade
90–92.99	A-
87–89.99	B+
83–86.99	B
80–82.99	B-
77–79.99	C+
73–76.99	C
70–72.99	C-
67–69.99	D+
60–66.99	D
0–59.9	F

Exam and Quiz Policy

- **All quizzes and exams are to be completed individually.** You **cannot** share information about quizzes or exams with other students or individuals.

Attendance Statement

Regular attendance and interaction in Recitation Sessions is required. Excessive absenteeism will result in the filing of an early warning report with the Dean's Office.

Electronic Devices and Calculator Policy

Also note that any electronic devices, including cell phones, are not allowed during tests, quizzes, and exams. Calculators are allowed.

Students may find a calculator useful in the process of learning the course material. A student may use a calculator to complete assignments. See **details (https://sse.tulane.edu/math/academics/undergraduate/calculator-policy)** .

Syllabus Change Policy

The syllabus will not be changed in a substantial manner. The date of the midterm and final examinations will not be changed. The exact dates of each topic introduced may be changed if needed. For this reason, it is important for you (the student) to check your Tulane.edu email account and Canvas on a regular basis so you are informed of any changes to the course syllabus.

Continue on **second page (https://tulane.instructure.com/courses/2280239/pages/syllabus-second-page)** of the syllabus.