

MA 485 -2F, Probability, Spring 2022.

Instructor: Dr Julia Karpeshina, karpeshi@uab.edu.

Virtual Office Hours: Monday & Wednesday: 5.00-6.00 pm on Zoom or by appointment in person or on Zoom.

There is **NO required textbook** for this course. Instead, a full set of **Lecture Notes** in pdf-format, originally written by Professor N. Chernov, is available on Canvas.

The recommended (not required) book is

S. Ross, *A First Course in Probability*, Prentice Hall, any edition.

Grading policy: There will be two Midterm Tests and the Final Exam. Each of them will be evaluated between 0% and 100%. The final grade is calculated as follows:

$$\textit{Test 1} : 30\%, \quad \textit{Test 2} : 30\%, \quad \textit{Final Exam} : 40\%;$$

$$A \geq 91\%, \quad B \geq 81\%,$$

$$C \geq 71\%, \quad D \geq 61\%.$$

There will be an extra credit for homework added to the test grades. Each returned HW assignment gives 0%– 3% (depending on the number of problems solved) added to your next test grade. There will be **no** make-up tests. There is **no** extra credit for a **late** homework.

Regular class attendance is important and strongly encouraged. The instructor will follow the lecture notes (but occasionally include different examples), so if you have to miss a class, study the notes thoroughly. Unannounced extra-credit quizzes will be offered. Extra-credit points will be occasionally given for active class participation.

Homework: Problems will be assigned weekly through Canvas. All HW's are due the next Tuesday after assignment. HWs have to be submitted through Canvas.

Here are the **tentative** dates for the tests:

Test 1: February 17;

Test 2: March 24;

The exact date will be announced two weeks before a test.

Final Exam: April 26, Tuesday, 4.15 pm – 6.45 pm.

Welcome to MA 485 and best of luck to you all.