

## Math 407 Spring Semester 2021

### Instructor:

Professor I. G. Rosen

Office: KAP 244C

Telephone: X02446

Email: [grosen@math.usc.edu](mailto:grosen@math.usc.edu)

Office Hours: M 12:00 – 1:00, W 12:00 – 1:00, or by appointment

Lecture and Labs:	Class No.	Time	Location
Lecture:	39992R	MWF 11:00 - 11:50	Zoom
Discussion:	39993R	TTH 08:00 – 8:50	Zoom
Discussion:	39994R	TTH 09:00 – 09:50	Zoom

### Text:

Ross, A First Course in Probability, Tenth Edition.

### T.A:

Menggsha Yao

Email: [mengshay@usc.edu](mailto:mengshay@usc.edu)

Phone: Zoom

Office: Zoom

Consulting Office: Zoom

Office Hours: TBA

### Assignments:

Assignments made on Friday. All problems assigned in a given week due in your Discussion section the following Thursday. Assignments will be assigned one of four grades: **Not turned in (0), Turned in (1), Honors (2) or High Honors (3)**. The T.A. will also post solutions to selected homework problems on Blackboard on the Thursday they are due. Late homework assignments will not be accepted. No exceptions.

**Exams:** Exams will be given on the following dates:

Mid-term Exam 1: Wednesday March 10th (Material up to Fri. March 5<sup>th</sup>)

Mid-term Exam 2: Wednesday May 5<sup>th</sup> (Material from Mon. March 8<sup>th</sup> thru Fri. April 30<sup>th</sup>)

Do not miss an exam .... There are no make-ups.

**Grading:** The course will be graded as follows:

Mid-term Exam 1:	40%
Mid-term Exam 2:	40%
Assignments	20%

**Topics covered:** Probability spaces, discrete and continuous distributions, moments, characteristic functions, sequences of random variables, laws of large numbers, central limit theorem, special probability laws. (Chapters 1 – 8)

**Collaboration Policy:** Collaboration on all assigned homework problems and computer assignments that are to be turned in is strictly prohibited. All turned in assignments must be your work and your work alone.

**Policy regarding students with disabilities:** Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is located in GFS 120 and is open 8:30 am – 4:30 pm, Monday through Friday. Website for DSP: <http://dsp.usc.edu> and contact information: (213) 740-0776 (Phone), (213) 740-8216 (FAX), [ability@usc.edu](mailto:ability@usc.edu) (Email).

### Spring Semester 2021 73 instructional days

Open Registration	Thu-Fri	January 7-8
Classes Begin	Fri	January 15
Martin Luther King's Birthday	Mon	January 18
President's Day	Mon	February 15
Wellness Day (No classes)	Fri	March 12
Wellness Day (No classes)	Tue	March 23
Wellness Day (No classes)	Wed	April 7
Wellness Day (No classes)	Thu	April 22
Wellness Day (No classes)	Fri	April 30
Classes End	Fri	April 30
Study Days	Sat-Tue	May 1-May 4
Exams	Wed-Wed	May 5-12
Commencement	Fri	May 14