

Math 407 Spring Semester 2021

Instructor:

Professor I. G. Rosen

Office: KAP 244C

Telephone: X02446

Email: 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

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. You should attempt to work all of the assigned problems, **however, you need only turn in the problems highlighted in red** and only three problems will be graded each week. Which problems those are will not be announced in advance. Assignments will be graded as follows: If you made a reasonable attempt on all the problems (listed in red) you will receive 10 points. Then on each of the three graded problems you may receive an additional 1 or 2 points. Thus the maximum total number of points on each assignment is 16 points. 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 5th)

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

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 (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