

MATH 306, Statistical Modelling

Spring 2022-23

Syllabus

1 Instructor and Assistants

Instructor Semih Sezer
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2 Office Hours

1. Instructor's office hours: by appointment.
2. Assistants' office hours: by appointment.

3 Time and Venue

1. Lectures

Wednesday 8.40-10.30
Friday 8.40-9.30

2. Recitations

Section	Day	Time	Assistant
A	Monday	9:40 - 10:30	Murat Demiraslan
B	Monday	10:40 - 11:30	Murat Demiraslan
C	Monday	11:40 - 12:30	Saied Farham Nia
D	Monday	12:40 - 13:30	Zohreh Aliabadi
E	Monday	13:40 - 14:30	Semih Zaman
F	Monday	14:40 - 15:30	Semih Zaman
G	Monday	15:40 - 16:30	Melih Cihan Kızıltoprak
H	Monday	16:40 - 17:30	Melih Cihan Kızıltoprak
I	Tuesday	14:40 - 15:30	Ahmet Burak Ekmekcioğlu
J	Tuesday	15:40 - 16:30	Ahmet Burak Ekmekcioğlu

4 Textbook

John Freund's Mathematical Statistics with Applications, 8th Edition, Pearson.

5 Lecture Slides and Recordings

Lecture slides and lecture recordings will be available on SUCourse+.

6 Course Description

The course covers the material listed below. Chapters refer to the above mentioned textbook.

- Chapter 8: Sampling Distributions
- Chapter 10: Point Estimation
- Chapter 11: Interval Estimation
- Chapter 12: Hypothesis Testing
- Chapter 13: Test of Hypothesis Involving Means, Variances and Proportions
- Chapter 14: Regression and Correlation . . . and more if time permits

7 Exams and Other Items

1. See the announcement "Revised grading policy" on SUCourse+ for the revised exam and make-up policy of the course.
2. Students are expected to attend the lectures as much as they can. For the ones they miss, they are expected to watch the recordings on SUCourse+.
3. It is students' responsibility to follow all the announcements made in class and those made via SUCourse+.