

**MATH 102 CALCULUS
SPRING 2020**

<https://mysite.ku.edu.tr/omustecap/courses-taught/math-102/>

INSTRUCTORS:

Hasan İnci

Lecture 1: Tue-Thu 11:30-12:45, CASE Z08

Lecture 2: Tue-Thu 16:00-17:15, ENG B29

Office: SCI 268

Office hours: Thu 10:00-11:00

e-mail: hinci@ku.edu.tr

Ayberk Zeytin

Lecture 3: Tue-Thu 13:00-14:15, SNA B119

Office: SCI 231

Office hours: Tue 10:00-11:00

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Online classes: The instructors will upload video lectures and lecture notes to Blackboard and Microsoft Teams. During class time the instructors will hold live video sessions where they will discuss topics from the lectures. During these live video sessions, the students will get the opportunity to ask questions.

ASSISTANTS: Sabri Özkan Besler, sbesler19[at]ku.edu.tr

TEXTBOOK: Single Variable Calculus: Early Transcendentals, by James Stewart, 8th edition.

HOMEWORK AND PROBLEM SESSIONS: Homework problems will be posted on the web page. While these will not be collected, you should take them seriously and solve them.

The TA will upload solutions to the designated exercises. The TA will regularly do live video sessions where questions regarding the exercises will be discussed. The schedule of these live sessions will be determined in due course.

EVALUATION: Your progress will be evaluated according to your performance in two midterm exams and a final exam. Their contribution to your total grade will be as follows: Midterm exams 30% each and the final exam 40%.

The exams will take place outside class hours. Exam dates will be determined by the Registrar Office. All the information regarding to the exam dates and places will be announced on the web page of the course. Calculators will not be allowed in the exams.

The 2. midterm is cancelled. Your 2. midterm grade will be the maximum of the 1. midterm grade and the final grade.

The passing grade (D) is at least 40 out of 100.

Make-up Exam: There will be **only 1 common make-up exam** for a missed exam (midterm or final) with an official excuse (health report, etc.) which will take place at the end of the semester, after the final exam. It will include all the material covered throughout the semester.

ACADEMIC HONESTY: Students are expected to maintain their academic integrity. Academic dishonesty in any form will not be tolerated and punished as described in the “academic integrity” section of the Koç University catalog. A detailed definition of academic dishonesty is also provided in the catalog.

TENTATIVE SCHEDULE:

Week	Topic	Text
1-2	Functions and Limits	Chp. 1.1-5
3-5	Derivatives	Chp. 2.1-8
5-6	Inverse Functions	Chp. 3.1-6
7-9	Applications of Differentiation	Chp. 4.1-7, 4.9
9-11	Integrals	Chp. 5.1-5
12	Application of Integration	Chp. 6.1-2
12-14	Techniques of Integration	Chp. 7.1-4, 7.8