

**CANKAYA UNIVERSITY**  
**DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCES**

**COURSE NAME:** Calculus for Engineering I

**COURSE CODE:** MATH 155

**CREDITS :** (2 2 3)

**SEMESTER:** Summer 2005

**INSTRUCTOR:** Dr. Sezgin Sezer

**ROOM:** 107-A

**PHONE:** 307

**E-MAIL:** sezgin@cankaya.edu.tr

**SCHEDULE:** Tue: 10:40-12:30, Wed: 12:40-15:30, Thu: 13:40-15:30,

Fri: 12:40-15:30

**CLASS:**(will be announced)

**OFFICE HOURS:** Tue: 13:40-14:30, Wed. 15:40-16:30, Thu. 10:40-11:30

**TEXTBOOK:** Finney, Weir, Giordano, Thomas CALCULUS Updated 10th.Edition  
Addison Wesley

**GRADING:** First Midterm 30%, Second Midterm 30%, Final 40%

**EXAM DATES:** First Midterm: July 14, 2005

Second Midterm: July 28, 2005

Final Exam Aug. 05-08, 2005

WEEK	DATE	TOPICS	SECTION
1	23 Jun.- 1 Jul.	Preliminaries	P1-P5
2	4 Jun.-8 Jul.	Limits and Continuity, Derivatives and Applications	1.1-1.6, 2.1-2.7, 3.1-3.6
3	11 Jul.-15 Jul.	Integration, Applications of Integrals	4.1-4.7, 5.1-5.3
4	18 Jul.-22 Jul.	Transcendental Functions	6.1-6.2, 6.3
5	25 Jul.-29 Jul.	Techniques of Integration, Improper Integrals	7.4-7.6, 7.7
6	1 Aug.-4 Aug.	Infinite Sequences. Infinite Series, Tests for Convergence of Series	8.1-8.3, 8.4, 8.5
7	1 Aug.-4 Aug.	Power Series	8.6-8.8

**NOTES:**

1. Attendance is compulsory. Those who do not have 70% attendance will get NA from this course.
2. There will be only one make-up exam just after the final exam.