

MATH 101-02 Calculus

Semester: Spring 2004
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Course Web Page: <http://www.bilkent.edu.tr/~sertoz/courses/math101spring2004.htm>

Exams & Grading:

- **1st Midterm Exam** (25%) 27 March 2004 Saturday 10:00
- **2nd Midterm Exam** (25%) 1 May 2004 Saturday 10:00
- **Final Exam** (35%) TBA
- **Homework** (15%)

Course Schedule: Section-02
 Tuesday 10:40-12:30 Room SAZ-18
 Thursday 10:40-12:30 Room B-206

Office Hours: Wednesday 13:40-15:30

Textbook: Finney & Weir & Giordano *Thomas' Calculus, updated tenth edition*
 (Addison Wesley, 2003)

Week		Subject	
#1	Feb 9	P.1-P.3 Lines, functions and graphs	
#2	Feb 16	P.4-P.5 Log and trig functions and inverses	
#3	Feb 23	1.1-1.2 Limits	
#4	Mar 1	1.3-1.5 Continuity	
#5	Mar 8	2.1-2.2 Derivatives	
#6	Mar 15	2.3-2.4 Derivatives of trig functions	
#7	Mar 22	2.5-2.7 Chain rule and implicit differentiation	M
#8	Mar 29	2.5-2.7 Chain rule and implicit differentiation	
#9	Apr 5	3.5-3.6 Optimization	
#10	Apr 12	4.1-4.3 Indefinite integrals	
#11	Apr 19	4.4-4.6 Definite integrals	
#12	Apr 26	5.1-5.3 Lengths and volumes	M
#13	May 3	6.1-6.3 Log and exp functions	
#14	May 10	7.1-7.4 Integration techniques	
#15	May 17	7.6 L'Hopital rule	

Numbers denote the sections from the book around which the discussions will proceed.