



**MA 249 Introductory Calculus (3)
Fall 2001**

Instructor: Dr. A. Abbas Zaidi

Office: Rm. 633

Office Hours: Monday 10:00–11:00; 12:00–1:00

Location: Room Two

Class Times: Wednesdays 8:00–9:00

Fridays 8:00–9:30

Monday Lab 11:00–12:00

Email Address: akhlaqzaidi@hotmail.com

Recommended Text

Anton H., Bivens I., Davis S., *Calculus*, Brief Edition, seventh edition.
John Wiley & Sons.

Course Description

Algebraic & trigonometric expressions and operations; properties and graphs of functions; limits and continuity; derivative techniques of differentiation; transcendental (trigonometric logarithmic and exponential) functions; integrals and the fundamental theorem of calculus; applications. Pre-requisite: A grade of 70% or higher in Math 30 or equivalent.

Course Schedule

Week	Date	Sections of Text	Quiz/Test
1	Sept 3-7	Precalculus review: Appendices A, B	
2	Sept 10-14	Appendices C, D, E	
3	Sept 17-21	1.1, 1.2	Quiz 1
4	Sept 24-28	1.4 – 1.6	
5	Oct 1-5	2.1, 2.2	Quiz 2
6	Oct 8-12	2.5, 2.6	
7	Oct 15-19	3.1 – 3.3	Midterm Test
8	Oct 22-26	3.4 – 3.7	
9	Oct 29-Nov 2	4.1 – 4.2	Quiz 3
10	Nov 5-9	4.3 – 4.5	Quiz 4
11	Nov 12-16	5.1 – 5.3	
12	Nov 19-23	5.5, 5.6, 5.8	Quiz 5
13	Nov 26-30	6.1 – 6.4	Quiz 6
14	Dec 3-7	6.5, 6.6, 6.8	

Course Requirements and Grading

There will be six quizzes, each 30 minutes or less in duration, administered during the lab. There will be a one-hour midterm test and a two-hour final examination. The final exam will be scheduled by the Registrar's Office.

Following weights will be used to determine the final grade in the course.

<i>Quizzes (best 5 of 6)</i>	<i>40%</i>
<i>Midterm Test</i>	<i>20%</i>
<i>Final Exam</i>	<i>40%</i>