



NAZARENE UNIVERSITY COLLEGE

MA 249 Introductory Calculus (3)

Fall, 2004

Instructor: Dr. A. Abbas Zaidi

Contacting the Instructor

Class Times: Mon/Wed 1:00 – 2:15 pm **Class Location:** 517
LAB: Monday 3:00 – 5:00 pm **631**
Office Phone: 571-2550 Ext. 3998 **Office: #502**
Office Hours: Mon/Wed 12:00 – 1:00 and 2:15 – 3:15 pm
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Course Description

Algebraic & trigonometric expressions and operations; properties and graphs of functions; limits and continuity; derivative techniques of differentiation; transcendental (trigonometry logarithmic and exponential) functions; integrals and the fundamental theorem of calculus; applications.

Pre-requisite: A grade of 70 % or higher in Math 20 or equivalent.

Recommended Text

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

Course Schedule

Week	Date	Sections of Text	Quiz/Test
1	Sept. 08	Precalculus review: Appendices A,B	
2	Sept. 13 & 15	Appendices C,D,E	
3	Sept. 20 & 22	1.1, 1.2	Quiz 1
4	Sept. 27 & 29	1.4 – 1.6	
5	Oct. 4 & 6	2.1, 2.2	Quiz 2
6	Oct. 11	No Classes	
	Oct. 13	2.5, 2.6	
7	Oct. 18 & 20	3.1 – 3.3	Midterm Test
8	Oct. 25	3.4 – 3.7	
	Oct. 27	No Classes	
9	Nov. 1 & 3	4.1 – 4.2	Quiz 3
10	Nov. 8 & 10	4.3 – 4.5	Quiz 4
11	Nov. 15 & 17	5.1 – 5.3	
12	Nov. 22 & 24	5.5, 5.6, 5.8	Quiz 5
13	Nov. 29 & Dec. 1	6.1 – 6.4	
14	Dec. 6 & 8	6.5, 6.6, 6.8	Last Day of Class

Course Requirements and Grading

There will be five 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.

Quizzes (best 4 of 5)	40%
Midterm Test	20%
Final Exam	40%