

FD '02

CHAMINADE UNIVERSITY OF HONOLULU

**SYLLABUS
MA 210 CALCULUS I**

Term: Fall 2002 Semester - August 26 to December 12, 2002

**Class Meetings: Room - H39, Day - Tues & Thurs, Time: 9:30 - 10:50 AM
H33, Day - Tues, Time: 12:30 - 1:50 PM**

Instructor: Franklin H. Minami, Ph.D.

**Textbook: "Calculus of a Single Variable", 7th Edition, by
Ron Larson, Robert Hostetler, Bruce Edwards & David Heyd;
Houghton Mifflin Company. ISBN 0-618-14916-3**

Course Description and Objectives:

The first course in the calculus sequence. Topics include limits, differentiation and integration of single variable functions, including polynomials, rational powers, and trigonometric functions, mean value theorem and fundamental theorem of calculus. Both concepts, techniques and application will be stressed. Fulfills Track C general education requirement in mathematics. PRE: MA 110 or equivalent or placement.

Grades and Tests: Grades will be determined by an average of the following:

Grade Point Summary: (100% Total)

	Nos.	Percent	
Attend/Participation		10%	
Quiz/Test	5 - 11	60%	
Homework	4	Bonus (10%)	
Final Exam	1	30%	
Grade Scale: A = 90 - 100%		C = 70 - 79%	F = Below 60%
B = 80 - 89%		D = 60 - 69%	

Tests/quizzes/final exam will be open book and open notes. Questions will be on same lines as the material (from class lectures and homework) being questioned. Calculator use is allowed, except when noted.

Academic Honesty Policies and Procedures:

Refer to University's publication on this subject.

Course Assistance:

Instructor Assistance

Your instructor is available before and after class. You may reach the instructor by pager number **361-4499** or through e-mail (**fminami@hpu.edu**), noting that you are a student in course name and number; include your name and your phone number or e-mail address.

Attendance and Participation:

Each student is expected to attend every class and to arrive on time. Roll will be taken. Each student will be held accountable for all information presented in

class, whether the student is present or not. If a student can not attend a class on the day an assignment is due, the student must make arrangements to have it delivered on time. If a student will be absent on a testing day, inform the instructor as soon as possible; and a request for a make-up test will be considered.

Participation by all students is important and is considered as an integral part of the learning/training process. Participation before and after class are acceptable. All students should remain in class until the end of class time, unless a valid reason is approved by the instructor. Excuse notes are due at the next class.

CLASS SCHEDULE: MA 210, Fall 2002 Semester

Week No.	Date	Chapter	Activity	Test
1	8/27, 29	Chapter 1	Basics, Limits	
2	9/3, 5	Chapter 1	Analyzing Limits	
3	9/10, 12	Chapter 2	Derivatives	
4	9/17, 19	Chapter 2	Derivative Rules	
5	9/24, 26	Chapter 2	Implicit Different'n	Test #1 HW #1 due
6	10/1, 3	Chapter 2	Different'n Rates	
7	10/8, 10	Chapter 3	Applications	Test #2 HW #2 due
8	10/15, 17	Chapter 3	1st Derv. Test	
9	10/22, 24	Chapter 3	2nd Derv. Test	
10	10/29, 31	Chapter 3	Newton's Method	
11	11/5, 7	Chapter 4	Antiderivatives Integration	Test #3 HW #3 due
12	11/12, 14	Chapter 4	Riemann Sums	
13	11/19, 21	Chapters 4 & 6	Integ. by Substitution Applying Integration	
14	11/26	Chapter 6	Disk Method	Test #4 HW #4 due
xxx	11/28	xxx Thanksgiving - Holiday	No Classes	
15	12/3, 5	Chapter 6	Shell Method Review	
16	FINAL EXAM: 12/9 - 12/12			