

CHAMINADE UNIVERSITY OF HONOLULU

SYLLABUS MA 103 COLLEGE ALGEBRA

Term: Spring 2003 Semester - January 13 to May 8, 2003

Class Meetings: Room - H33, Day - MWF, Time: 9:00 - 9:50 AM

Instructor: Franklin H. Minami, Ph.D.

Textbook: “Algebra for College Students”, 6th Edition, by
R. David Gustafson & Peter D. Frisk;
Brooks / Cole Publishing Company. ISBN 0-534-38486-2

Course Description and Objectives:

Algebra knowledge and skills for college studies: Sets and real number system; exponents and polynomials, rational and radical expressions and systems of equations; beginning analytic geometry and functions; the binomial theorem, and progressions. Fulfills Track B general education requirement in mathematics. Not open to students with credits in MA 110, MA 210, or other higher numbered mathematics courses. Offered every semester. PRE: MA 102 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	5	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 103, Spring 2003 Semester (NC = No Class)

<u>Week No.</u>	<u>Date</u>	<u>Chapter</u>	<u>Activity</u>	<u>Test</u>
1	1/13, 15, NC	Chapter 1	Basics, Notations, Sets	
2	1/20 - 24	Chapter 1 & 2	Equations, Graphs	
3	1/27 - 31	Chapter 2	Functions	
4	2/3 - 7	Chapter 3	System of Equations	Test #1 HW #1 due
5	2/10 - 14	Chapter 3 & 4	Methods of Solutions	
6	2/NC, 19, 21	Chapter 4	Inequalities	
7	2/24 - 28	Chapter 5	Polynomials	Test #2 HW #2 due
8	3/3 - 7	Chapter 5 & 6	Rational Expressions	
9	3/10 - 14	Chapter 6 & 7	Radical Expressions	Test #3 HW #3 due
10	3/17 - 21	Chapter 7	Exponents	
11	xx 3/24 - 28	xxx No Classes: Spring Break		
12	3/31, 4/2, 4	Chapter 8	Quadratic Functions and Inequalities	
13	4/7 - 11	Chapter 10	Exponential and Logarithmic Functions	Test #4 HW #4 due
14	4/14, 16, NC	Chapters 10 & 13	Binomial Theorem	
15	4/21 - 25	Chapter 13	Probability Series, Sequences and Summation	
16	4/28, 30, 5/2	Course Review	Test Review	Test #5 HW #5 due
17	FINAL EXAM: 5/5 - 8		All Topics Covered	