

## Chaminade University of Honolulu

Course:	MA 10310 College Algebra		
Session:	Fall Evening Session (October 07 - December 18, 2002)		
Course Location:	Schofield Barracks Education Center		
Class Dates/Time:	Tuesday and Thursday, 1950 - 2155		
Course Description:	Algebra knowledge and skills needed for college studies: Sets and real numbers; exponents and polynomials, rational and radical expressions, equations and inequalities with applications, including equations containing rational and radical expressions, systems of equations, beginning analytic geometry and functions, exponential and logarithmic functions, and Sigma notation, the Binomial theorem and progressions.		
Course Objectives:	To give the student a firm foundation in the fundamentals of Algebra To prepare the student for entry into MA110 Pre-Calculus		
Instructor/Phone:	Ivan Ormsbee, tele# 668-8993, e-mail <i>math_is_good@hotmail.com</i>		
Prerequisites:	According to the result of placement examination which is equivalent to the contents of high school Algebra 1 or MA 102 with a grade C or better. Not open to students having credits in MA 110, 210, or higher numbered math course.		
Required text:	Algebra for College Student (5th edition) by R. David Gustafson and Peter D. Frisk ISBN 0-534-35944-2		
Homework:	There will be homework assigned on the material covered during each session due the following session. Students be given material to preview prior to attending class.		
Exams:	Exams are <u>closed</u> book.		
Grading	Attendance	40 pts.	Grade 540 - 600 A
	Homework	60 pts.	480 - 539 B
	Midterm	250 pts.	420 - 479 C
	<u>Final Exam</u>	<u>250 pts.</u>	360 - 419 D
	TOTAL POINTS	600 pts	0 - 359 F

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## MA 100 SURVEY OF MATH

Class Session	Fall Session (October 07 - December 18, 2002)
Class Location	NCTAMS Education Center
Class Dates/Time	Wednesday, 1730 – 2140
Course Description	Introductory course for humanities majors. Selected topics to acquaint students to the field of mathematics. Emphasize pattern recognition, critical and deductive reasoning. Fulfills Track A general education requirement in mathematics. This course does not prepare for MA 103, MA 110, and MA 210. EN 102 and COM 140 are recommended before taking this course.
Instructor	Ivan Ormsbee, tele # 668-8993, e-mail <i>math_is_good@hotmail.com</i>
Prerequisites	None
Required text	The Nature of Mathematics (9th edition). ISBN 0-534-36890-5. By Karl J. Smith. Brooks/Cole Publishing Company.
Topics	(1) The Nature of Problem Solving. (Ch. 1.1 - 1.4) (2) The Nature of Logic. (Ch. 2.1 - 2.4) (3) The Nature of Calculation. (Ch. 3.1 - 3.5) (4) The Nature of Numbers. (Ch. 4.1 - 4.7) (5) The Nature of Algebra (Ch. 5.1 - 5.7) (6) The Nature of Geometry (Ch. 6.1 - 6.6, 6.8, 6.9) (7) The Nature of Measurement and Growth (Ch. 7.1 - 7.7) (8) The Nature of Probability (Ch. 9.1 - 9.5) (9) The Nature of Statistics (Ch 10.1, 10.2, 10.4, 10.5) (10) The Nature of Graphs and Functions (Ch 11.1) *Topics may be adjusted by the instructor to fit the needs of the class.

Grading Criteria	Evaluations	Points	Quantity	Total Points
	Projects	25	4	100
	Quizzes	25	8	200
	Final	200	1	200
			Total	500

Grade Assignment	Points Earned	Grade
	450 – 500	A
	400 – 449	B
	350 – 399	C
	300 – 349	D
	0 – 299	F