MA 100 $^{[\hat{v}]}$ SURVEY OF MATH

Class Session	Spring Session (April 02 - June 11, 2001)	
Class Location	Schofield Barracks Education Center	
Class Dates/Time	Saturday, 0800 - 1210	
Course Description	Introductory course for humanities majors. Selected topics are to acquaint the student with the fields of mathematics. Also, recommended for early childhood education majors. This course fulfills general education requirements in math, but not recommended for students who intend to take MA 103, 110 and 210.	
Instructor	Ivan Ormsbee, tele # 668-8993, e-mail ink_pen@aloha.net	
Prerequisites	None	
Required text	The Nature of Mathematics (8th edition). ISBN 0-534-34988-9. 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 - 2.2) (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 - 5.8) (6) The Nature of Geometry (Ch. 7.1 - 7.4) (7) The Nature of Measurement. (Ch. 8.1 - 8.4) (8) The Nature of Probability (Ch. 9.1 - 9.5) (9) The Nature of Sequences, Series, & Financial Management. (6,1 - 6.6) *Topics may be adjusted by the instructor to fit the needs of the class. 	

Grading

C		Unit	Total
Criteria	Quantity	Points	Points
Quizzes	8 each	15	120
Presentation - Oral	1 each	15	15
- Visual	1 each	10	10
Attendance	10 sessions	2	20
Projects	4 each	15	60
Final Exam – Part I	1 each	15	15
– Part II	1 each	160	160
			400

Points Earned	Grade
360 - 400	Α
320 - 359	В
280 - 319	С
240 - 279	D
0 - 239	F

58 01 Ans

Important Dates

Session 01	07 APR	
Session 02	14 APR	Quiz 01
Session 03	21 APR	Quiz 02 Project #1 Due
Session 04	28 APR	Quiz 03
Session 05	05 MAY	Quiz 04 Project #2 Due 1st date to begin oral presentations. Topics: Pythagoras of Samos / Plato / Aristotle / Euclid of Alexandria / Archimedes of Syracuse
Session 06	12 MAY	Quiz 05 Topics: Leonardo Fibonacci (Leonardo of Pisa) / Leonardo da Vinci Nicolaus Copernicus/ Galileo Galilei / Johannes Kepler/ John Napier /
Session 07	19 MAY	Quiz 06 Project #3 Due Topics: Rene Descartes / Blaise Pascal Sir Isaac Newton / Gottfried Wilhelm von Leibniz / Johann Bernoulli
Session 08	26 MAY	Quiz 07 Topic: Leonhard Euler / Charles Babbage / Albert Einstein Stephen Hawking / Benoit Mandelbrot / George Polya
Session 09	02 JUN	Quiz 08 Project #4 Due
Session 10	09 Л.N	FINAL EXAM