MA 100 SURVEY OF MATH

Class Session	Summer Session (July 6 - September 15, 1999)
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)

Grading			Grade		
	Quizzes	80 pts.		297 - 330	A
	Term Paper	25 pts.		264 - 296	B
	Oral presentation	25 pts.		231 - 263	C
	Attendance	40 pts.		198 - 230	D
	Final Exam	160 pts.		0 - 197	F
		330 pts.			

Important Dates

Session 01	10 JUL	
Session 02	17 JUL	**Oral/Written topic selection due.** **Quiz 01**
Session 03	24 JUL	**Quiz 02**
Session 04	31 JUL	**Quiz 03** **1st date to begin oral presentations.**
Session 05	07 AUG	**Quiz 04**
Session 06	14 AUG	**Quiz 05**
Session 07	21 AUG	**Quiz 06**
Session 08	28 AUG	**Quiz 07** **Term papers due. -10 points penalty per session late.** **Last date for oral presentations.**
Session 09	04 SEP	**Quiz 08**
Session 10	11 SEP	**Course Evaluation** **Final Exam**