

By

MA 100 SURVEY OF MATH

Class Session Winter Session (January 11 - March 24, 1999)

Class Location Barbers Points Education Center

Class Dates/Time Tuesday & Thursday, 1730 - 1935

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

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 Sequences, Series, & Financial Management. (6.1 - 6.6)
 - (7) The Nature of Geometry (Ch. 7. 1 - 7.4)
 - (8) The Nature of Measurement. (Ch. 8.1 - 8.4)
 - (9) The Nature of Probability (Ch. 9.1 - 9.5)

Grading	Quizzes	80 pts.	Grade	270 - 300	A
	Term Paper	40 pts.		240 - 269	B
	Oral presentation	40 pts.		210 - 239	C
	Attendance	40 pts.		180 - 209	D
	Final Exam	<u>100 pts.</u>		0 - 179	F
		300 pts.			

Important Dates

Session 01	12 JAN	
Session 02	14 JAN	
Session 03	19 JAN	Oral/Written topic selection due.
Session 04	21 JAN	Quiz 01
Session 05	26 JAN	
Session 06	28 JAN	Quiz 02
Session 07	02 FEB	
Session 08	04 FEB	Quiz 03 <u>Typed</u> term paper outline due. (max 10 points; -5 points per session late).
Session 09	09 FEB	1st date to begin oral presentations.
Session 10	11 FEB	Quiz 04
Session 11	16 FEB	
Session 12	18 FEB	Quiz 05
Session 13	23 FEB	
Session 14	25 FEB	Quiz 06
Session 15	02 MAR	
Session 16	04 MAR	Quiz 07 Papers due (max 30 points. 10 points was for outline) -10 points penalty per session late.
Session 17	09 MAR	
Session 18	11 MAR	Quiz 08 Last day for oral presentations.
Session 19	16 MAR	
Session 20	18 MAR	FINAL EXAM