WE '01
Ano

SYLLABUS

SURVEY OF MATHEMATICS (MA 100) 40
WINTER 2001

Fort Shafter, Building 320
Thursday 5:30 p.m. to 9:40 p.m.

Instructor: Glenn Isidro
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Course Description: Introductory course for humanities major to expose the student to a wide variety of topics in mathematics with emphasis on reasoning and logical thinking. This course does not prepare students for MA 103 or any other mathematics course.

Textbook: Survey of Mathematics, 8th Edition by Karl J. Smith, 1998, Brooks/Cole Publishing Company, ISBN 0-534-34988-9

Objective: To give some insight into how mathematics is developed and to present some ideas of mathematics and to show how these ideas can be used in an everyday setting to build problem-solving skills.

Homework: Selected problems will be assigned for each section covered. Assignments will be given daily and will be due at the next class meeting. All assignments **MUST** be turned in even though if it is late in order to satisfy the course requirements. Reduction in score for late homework will be at instructor's discretion. A grade of incomplete will be issued if all homework is not turned in. Homework shall be neat and turned in on 8-1/2" x 11" cut sheets.

Quizzes: Short quizzes will be given daily and will cover all material that was covered to date. Quizzes can be made up but will receive a reduction in score at the instructor's discretion. All quizzes **MUST** be taken in order to satisfy the course requirements. A grade of incomplete will be issued if all quizzes have not been taken.

Exams: There will be two exams, a midterm and a final.

Grading:	Homework	20%	90-100	A
	Quizzes	20%	78-89	B
	Midterm	20%	65-77	C
	Final Exam	25%	51-64	D
	Class Participation*	10%	<50	F
	Attendance*	5%		

* Class participation and attendance will be at the instructor's discretion.

Course Outline

Week	Class #	Date	Section	Description
1	1	1/11		Introduction
	2		1.1	Street Problem
2	3	1/18	1.2	Venn Diagrams
	4		1.2	Venn Diagrams
3	5	1/25	2.1	Truth Value
	6		2.2	Truth Tables
4	7	2/1	2.5	Problem Solving Using Logic
	8			Review
5	9	2/8		**Midterm**
	10		5.4	Equations
6	11	2/15	11.1	Graphing Lines
	12		11.1	Graphing Lines
7	13	2/22	5.6	Distance Relationship
	14		5.6	Distance Relationship
8	15	3/1	9.1	Introduction to Probability
	16		10.1	Frequency Distribution
9	17	3/8	10.2	Descriptive Statistics
	18			Review
10	19	3/15		**Final Exam #1**
	20			**Final Exam #2**

* This outline is subject to change based on the progress of the class.