

# Chaminade University



## MATH 100

### Survey of Mathematics

July 6-September 14, 1998

MW 5:30 pm

Schofield Barracks

**INSTRUCTOR:** Dennis Kunimura

**PHONE:** 625-3509 (Voice/Fax)

**E-Mail:** kunimura@compuserve.com

**Course Description:** Introductory course for humanities majors. Selected topics to acquaint the student with the field of mathematics.

**Textbook:** The Nature of Mathematics (7<sup>th</sup> edition). By Karl J. Smith; Brooks/Cole Publishing Company

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TENTATIVE list of topics to be Covered:

**Chapter 1: The Nature of Problem Solving**

**Chapter 2: The Nature of Logic**

**Chapter 3: The Nature of Calculation**

**Chapter 4: The Nature of Numbers**

**Chapter 5: The Nature of Algebra**

**Chapter 6: The Nature of Sequences, Series, and Financial Management**

**Chapter 7: The Nature of Geometry**

**Chapter 8: The Nature of Measurement**

**Chapter 9: The Nature of Probability**

**Chapter 10: The Nature of Statistics**

**Chapter 11: The Nature of Graphs and Functions**

**Chapter 12: The Nature of Mathematical Systems**

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**Attendance/Participation:** Attendance will be recorded daily. The instructor may reduce a student's grade for excessive absences.

**Homework:** Weekly homework assignments will be made. Points for late assignments may be reduced or not be credited, at the discretion of the instructor.

**Exams:** There will be 4 exams administered during the course. The last exam will be a comprehensive exam to cover the material learned in the course.