

MATHEMATICS 366, SPRING 1998

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Principles of Mathematical Analysis, 3rd Edition, by W. Rudin

This is the continuation of Math365 in the fall semester. In this semester we will finish the rest of the textbook. We will not follow the textbook section by section, although all homework will be chosen from the textbook.

Chapter 2

Basic Topology

Chapter 7

Sequences and Series of Functions

Chapter 8

Some Special Functions

Chapter 9

Functions of Several Variables

Chapter 10

Integration of Differential Forms

The homework of each week will be due the following **Tuesday**. Homeworks more than 7 days late will not be accepted.

There will be two 1-hour tests and a final exam.

The schedule for two tests will be announced in class.

Final grades will be determined as follows: 25% of each test, 10% of homework and 40% of final exam.