



# MAA 5228/4226 (Sections 0125/1484)

## Modern Analysis 1

### Time and Location

MWF Period 4 (10:40-11:30) Matherly 6 (for now ...)

### Office hours

W5 W6 W7 (or by appointment)

### Text

Walter Rudin, *Principles of Mathematical Analysis*, Third Edition

### Topics

We shall cover topics from Chapters 1, 2, 3, 4, 5 of Rudin; see [syllabus](#) for further details. As well as covering the indicated topics, the course is intended to sharpen critical reading and writing skills in preparation for the further pursuit of mathematics.

### Policies

Homework problems will be assigned and discussed in class; some of these problems will be collected and graded. In addition, there will be a midterm and a final; these will provide practice for the Analysis first-year examination. Assignment of grades will be determined by performance in three equally-weighted units: the graded homework assignments, the midterm and the final. For other matters of policy, please consult 'Policies plus' at the [Files page](#).

### Tests

Midterm:

Final:

### Homework

HW01



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