Instructor: Professor E. Speer  
Office: Hill Center 520  
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Office Hours:  
Monday, Busch 4th period, 1:40–3:00, Hill Center 520  
Tuesday, Busch 5th period, 3:20–4:40, Hill Center 520  
By chance or appointment in Hill 520


Prerequisite: Permission of department.

General: Rudin is an excellent text, and we will stay fairly close to the development there. The goal is to cover through Chapter 6, but we may not get quite that far.

Homework: Homework problems will be assigned weekly, and some of these will be collected and graded. See the accompanying sheet for some thoughts on writing up your proofs. Homework is due at the beginning of the class period for which it is assigned.

One important way to learn mathematics is to talk about it. You are strongly encouraged to discuss problems—and indeed, all the material in the course—with me or with other students. After you have finished discussing a problem, however, you must write your solution independently, not in concert with others. Your ideas and approach to the problem may come from discussion, but you should express those ideas in your own words.

If you have trouble with homework problems, or with any material in the course, I urge you to come in during my office hours, or at some other time, and discuss them.

Exams: There will be two in-class exams, on Thursday, October 12 and Thursday, November 16. The final exam will be Wednesday, December 20, 8:00–11:00 AM; the room for the final will be announced later.

Grading: Grading will be based on a weighted average of homework and exams:

- Homework: 20%
- Class exams: 20% each
- Final exam: 40%

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