

Course Information

Instructor: Warren Weckesser
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Office Hours: Monday, Wednesday, 10:15–11:30 AM
Other times by appointment.

Text: *Complex Variables and Applications (seventh edition)*, by Brown and Churchill

Web Page: <http://math.colgate.edu/~wweckesser/math313/>

Topics:

This course is an introduction to complex variables. We will cover most of the material in the first nine chapters of the text, including: analytic functions, integrals, series, residues and poles, and conformal mappings.

Homework:

There will be 12 homework assignments. Collaboration with your classmates on the homework is allowed, and even encouraged. *Collaboration* means working together so that each of you understands the problems and can solve them on your own; it does not mean simply copying someone else's answer. You must write your own solutions in your own words.

Exams:

There will be two midterm exams and a final exam. The dates of the midterms exams are

Exam 1: Tuesday, October 3 11:20–1:10

Exam 2: Tuesday, November 7 11:20–1:10

Grading:

Your grade will be based on the following:

Homework	25%
Midterm Exam 1	25%
Midterm Exam 2	25%
Final Exam	25%