

Syllabus
Math 463 section 0101
Complex variables for scientists and engineers
Summer session I
May 31 - July 8, 2016

Lecture: MTuWThF 9:30 a.m. - 10:50 a.m. MTH 1308

Instructor: Dr. Greg Chadwick

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Office: MTH 2303

Office hours: MTuWTh 11:00 - 11:30 a.m. or by appointment

Textbook: Brown, James Ward and Churchill, Ruel V. *Complex variables and applications*.
A copy of the seventh edition of the textbook is available on the class Elms/Canvas page.

Grading: Your course grade will be based on

- Homework 20%
- Exam One 25%
- Exam Two 25%
- Exam Three 30%

Homework: There will be written homework assignments, usually due Tuesdays and Fridays at the start of class. *No late homework will be accepted.*

Exams: Exam one is Friday, June 10, exam two will be Friday, June 24, and exam three is Friday, July 8.

Topics to be covered: Chapters 1-7 of *Complex variables and applications*: complex numbers, analytic functions, elementary functions, integrals, series, residues and poles, applications of residues.