

MAA 4402: Complex Analysis

Spring 2014

Instructor: Kevin Keating

Office: Little 482

Telephone: 352-294-2311

E-mail: keating@ufl.edu

Web Page: <http://people.clas.ufl.edu/keating/maa4402>

Office hours: Mondays and Wednesdays 10:40–12:00, or by appointment.

Class meets MWF 9:35–10:25 in Anderson 32.

Textbook

Complex Variables and Applications (Eighth Edition) by Brown and Churchill

Syllabus

This course focuses on the study of functions of a single complex variable. We will study analytic functions, power series expansions, complex integration, and evaluation of complex integrals using residue calculus. If time permits we will also study conformal mappings.

Exams

Friday, February 7, in class.

Friday, March 21, in class.

Thursday, May 1, 12:30–2:30 PM (final).

Homework

I will assign homework problems each week to be collected and graded. Solutions to these problems will be distributed after the homework has been collected. Late homework will not be accepted. I will also assign some homework problems which will not be collected or graded. You should certainly do these problems as well, since exam questions may be based on them.

Grading

The homework will count 20%, the in-class exams will count 20% each, and the final will count 40%. Your grade will be determined by the following scale:

$90 \leq x \leq 100$: A	$85 \leq x < 90$: A–	$80 \leq x < 85$: B+
$75 \leq x < 80$: B	$70 \leq x < 75$: B–	$65 \leq x < 70$: C+
$60 \leq x < 65$: C	$55 \leq x < 60$: C–	$50 \leq x < 55$: D+
$45 \leq x < 50$: D	$40 \leq x < 45$: D–	$0 \leq x < 40$: E