

# Math 3146 Syllabus

## Introduction to Complex Variables

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**Course:** Math 3146 Introduction to Complex Variables

**Lecture:** Section 002, TR 11:00 - 12:15 in room MONT 420

**Instructor:** Brandon Alberts

**Office Hours:** TWR 9:30-10:45, T 3:45-5, or by appointment in room MONT 125

**Contact:** HuskyCT messages or email: brandon.alberts“at”uconn.edu. Please allow up to 24 hours for me to respond, especially for scheduling a meeting.

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**Course Description:** Functions of a complex variable, integration in the complex plane, conformal mappings.

**Prerequisites:** MATH 2110 and 2410, or 2144 or 2420. Not open for credit to students who have passed MATH 5046.

**Required Materials** (available at the [UConn Bookstore](#)):

1. *Complex Variables and Applications* (9th edition) by James Ward Brown and Ruel V. Churchill
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	Percent of Grade	Dates
Homework	20%	weekly
Exam 1	25%	October 4
Exam 2	25%	November 8
Final Exam	30%	to be announced by the Registrar

**Homework:** The weekly homework will be primarily assigned from the textbook, but some extra problems may also be assigned. The assignments will be announced in class as well as posted to HuskyCT. You can drop your TWO lowest scores. The purpose of the drop two policy is to give you flexibility if you are unable to complete or turn in some homework on time (including illness, emergencies, etc), and because of this NO LATE HOMEWORK will be accepted. If you know you will miss class the day that homework is due, you may turn in your assignment EARLY either during an earlier class or office hours. Otherwise please email me BEFORE the due date and we can work out another way/time to turn in your homework.

- Put your full name and the due date on each homework assignment.
- All homework problems must be clearly labelled, in a SINGLE column, and written legibly.
- I will choose four problems on each assignment to grade for 5 points each.
- You must show your work to get full credit. You are being graded on how you solve the problem, not just the answer.
- Please staple all assignments and removed all notebook fringes.

**Exams:** The exams will be given in class. No calculators, cellphones, computers, or notes will be allowed during the exams. The use of any prohibited materials may result in receiving a grade of 0 on the exam.

**Final Exam:** The Final Exam will be cumulative, covering all material taught in the course. It will be scheduled according to the university wide Registrar's schedule of final exams.

**Grades:** Grades will be posted on HuskyCT within two weeks of the completion date. The base grading scale is as follows:

Grade	Letter Grade	GPA
93-100	A	4.0
90-92	A-	3.7
87-89	B+	3.3
83-86	B	3.0
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2.0
70-72	C-	1.7
67-69	D+	1.3
63-66	D	1.0
60-62	D-	0.7
<60	F	0.0

The instructor reserves the right to lower the grade cutoffs during the semester, and will not announce the final grading scale until after the final exam is graded.