

Kent Pearce

MATH 201-A
742-2566

Office Hours:
Fixed:
TWT 14:00-16:00
Other:
By Appointment

Functions of a Complex Variable II

MATH 5321, MA 012
MWF 12:00-12:50

Text:
Conway, John B.
Functions of One Complex Variable
Springer-Verlag

Chapters 4.6 – 8.2, 10.1-10.3

Learning Objectives

Students learn about the complex number system, metric spaces and the topology of \mathbb{C} , elementary properties of analytic functions, conformal mappings, complex integration (including variations of Cauchy's Theorem and the Cauchy Integral Theorem) and singularities of analytic functions

Assessment of Learning Outcomes

Assessment will be achieved through one or more activities, non-graded and graded, such as: attendance, class discussion, board work, electronic homework, examinations and other optional activities deemed appropriate by the instructor. It is important to note that these assessments are for your learning benefit. Class grades will be assigned according to the following rubric:

Grading

Examinations	300 pts
Two (2) Hourly Examinations @ 100 pts With Take Home Examinations @ 50 pts	
Test Dates:	
In-Class: 26 Feb, 9 Apr	
Take Home: 24 Feb – 3 Mar, 7 Apr - 14 Apr	
Homework Assignments	150 pts
Three (3) Homework Assignments @ 50 pts Due Dates: 10 Feb, 24 Mar, 28 Apr	
Final Examination	200 pts
Date: Friday, 9 May, 1:30 p.m.	
Total	650 pts

Grading Scale

A...100% - 90% B...89% - 80% C...79% - 70% D...69% - 60% F...59% - 0%

Critical Dates

Wednesday, 26 March 2014 - Last day for student initiated drop

Tuesday, 6 May 2014 - Last day of classes.

Friday, 9 May 2014 - Final Exam (1:30 pm - 4:00 pm)

Notices

Academic Integrity (Extracted from [OP 34.12](#))

It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and high standard of integrity. The attempt of students to present as their own any work not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offenders liable to serious consequences, possibly suspension.

“Scholastic dishonesty” includes, but it not limited to, cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, and any act designed to give unfair academic advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor) or the attempt to commit such an act.

Observance of Religious Holiday (Extracted from [OP 34.19](#))

A student who intends to observe a religious holy day should make that intention known to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

Accommodation for Students with Disabilities (Extracted from [OP 34.22](#))

Any student who, because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor’s office hours. Please note: instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, please contact Student Disability Services in West Hall or call 806-742-2405.