

Kent Pearce
MATH 201-B
742-2566

Office Hours:
MW 10:00-11:30
TT 13:30-14:30
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By Appointment

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Functions of a Complex Variable I

MATH 5320, MA 108
MWF 14:00 - 14:50

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

Chapters 1.1-5.3

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

HomeWork	Six Assignments (Due on Mondays)	150 pts
Exams	(2 mid-term examinations; Dates: Sep 26, Oct 31 @ 150 pts.)	300 pts
	In-class Exam	100 pts
	Take-home Exam	50 pts.
Final	(Comprehensive, Monday, Dec 8, 1:30 pm - 4:00 pm)	<u>200</u> pts.
Total		650 pts.

Review Sessions

Wednesday, Sep 24, Wednesday Oct 29

Grading Scale

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

Critical Dates

Monday, October 27, 2008 - Last day to drop a course

Wednesday, December 3, 2008 - Last day of classes.

Monday, December 8, 2008 - Comprehensive 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 some special arrangements in order to meet course requirements should contact the instructor at MA 201-B as soon as possible to request necessary accommodations. Students should present appropriate verification from Student Disability Services (AccessTECH). No requirement exists that accommodations be made prior to completion of this approved university process.