

Kent Pearce

MATH 201-B
742-2566

Office Hours:

Fixed:

MW 10:00-11:30

TT 10:00-11:30

Other:

By Appointment

Functions of a Complex Variable II

MATH 5321, MA 111
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	400 pts
Two (2) Hourly Examinations @ 100 pts	
With Take Home Examinations @ 100 pts	
Test Dates:	
In-Class: Feb 18, Apr 1	
Take Home: Feb 16 – Feb 23, Mar 30 – Apr 6	
Homework Assignments	300 pts
Three (3) Homework Assignments @ 100 pts	
Due Dates: 2/2, 3/9, 4/20	
Final Examination	200 pts
Date: Tuesday, May 5, 1:30 p.m.	
Total	900 pts

Grading Scale

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

Critical Dates

Wednesday, March 1, 2009 - Last day to drop a course

Tuesday, April 28, 2009 - Last day of classes.

Tuesday, May 5, 2009 - Final Exam (1:30 pm - 4:00 pm)

Notices

Any student who, because of a disabling condition, may require special arrangements in order to meet the course requirements should contact me as soon as possible so that necessary accommodations can be made.