

Dec. 31, 2013

MATH 132 - WINTER 2014

Complex Analysis for Applications

MWF 10:00 MS 6627, and

Tuesday 10:00 MS 6627. (First week, class will meet both January 6 and January 7.)

Office hours: J. Garnett MW 3:00 in MS 7941, and by appointment

Teaching Assistant (TBA)

Text: Stephen D. Fisher, *Complex Variables, Second Edition* (required).

Material: Most of Chapters 1, 2, 3, but no starred (*) sections except for 2.3.1.

Grade: Homework 40%, final 30%, midterms 30%. Each student must present at least one homework problem at the blackboard in quiz section.

Exams: Midterms Jan. 28 and Feb. 18, in TA section. Final March 20, 11:30 - 2:30. Both in MS 6627.

Prerequisite: Math 32A and Math 33A. Familiarity with vectors in the plane, with Green's theorem, and infinite series.

Homework: Assigned biweekly, due at the beginning of quiz section every second week. You may work on the homework problems together, but you must write up your solutions alone. You will be asked to present your homework solutions at the blackboard in class.

Homework 1: Due January 14. Page 9; Problems 4, 6, 11, 15, 16, 19. Page 20. Problems 6, 7, 15, 17, 20, 22.

J. Garnett