

## **MAT 320 — Introduction to Complex Variables**

Spring 2009 (directed study)

Professor: Dr. Bryan Dawson (x5268, bdawson@uu.edu, [www.uu.edu/dept/math/Dawson/](http://www.uu.edu/dept/math/Dawson/))

Course webpage: [www.uu.edu/personal/bdawson/courses.htm](http://www.uu.edu/personal/bdawson/courses.htm)

Text: Complex Variables with Applications, 3rd edition, A. David Wunsch

**Prerequisites:** MAT 213 Calculus and Analytic Geometry III and permission of instructor.

**Subject matter:** We will cover all or portions of chapters 1–5. Time permitting, we will also cover some of chapter 6, at the professor’s discretion.

**Tests:** Two one-hour tests will be given; the first will cover chapters 1 and 2, while the second will be given toward the end of chapter 4. A comprehensive final exam will be given. It will be over all material covered in the course, including material presented after the last one-hour test. All exams will be scheduled individually.

**Homework:** Daily assignments will be given; portions of these will sometimes be handed in. Late homework is accepted only at the instructor’s discretion.

**Tutoring:** The student is required to meet with a tutor in the Hundley Center (this includes the Math Lab) for a minimum of two hours per week.

**Final grades:** The student’s final grade will be based on the homework (100 points total), hour tests (100 points each) and final exam (150 points). The semester homework grade will consist of the student’s ten best homework scores. The grading scale will be 92–100, A; 83–91.9, B; 74–82.9, C; 65–73.9, D; 0–64.9, F.

**Calculators:** A graphing calculator is allowed; however, use of TI-89, TI-92, Voyage 200 or equivalent calculators is not allowed during tests. The professor reserves the right to limit the use of the calculator on a test by specifying the method to be used on a particular problem.

**Academic dishonesty:** Acts of cheating or plagiarism will result in an automatic F for this course and will be reported to the office of the provost for possible further action.

**ADA accommodations:** In compliance with the Americans with Disabilities Act, appropriate accommodations will be made to meet documented needs.

**Office hours:** 3:00–3:50 MWF and 9:30–11:30 TR, or by appointment, in PAC C–56.