Math 4103 — Intro. to Functions of a Complex Variable
Spring 2011
Course Syllabus

Instructor: John Albert
  Office: PHSC 1004
  Phone: 325-3782
  Office Hours: M, W 2:30–3:30, Th 10:30–11:30, or by appointment

Course Content: We will cover Chapters 1 through 6 and a little bit of Chapter 7 of the course text, which is "Complex Variables and Applications (8th edition)", by James Ward Brown and Ruel V. Churchill. Complex numbers, although sometimes referred to as "imaginary numbers", are no less important than the "real" numbers one learns about in freshman and sophomore calculus classes. They were originally developed as tools for solving algebraic equations, and we try to develop a basic familiarity with the algebraic properties of complex numbers in this course, but our main goal is to learn to use complex numbers as tools to help solve the kind of calculus problems that arise in scientific and engineering applications.

Information about the course, such as homework assignments and test and quiz dates, will be posted on the course page at D2L (**learn.ou.edu**) and on my web page at
math.ou.edu/~jalbert/courses/4103sp11.html .

Grading: The course grade will consist of the following components: Weekly homework assignments, along with possibly a few short quizzes (25 percent); three midterm exams (15 percent each); and a comprehensive final exam (30 percent).

The midterm exams are scheduled for the dates of Friday, Feb. 18; Friday, March 25; and Friday, April 29. The final exam will be held on Thursday, May 12, from 8:00 am to 10:00 am, in the regular classroom, Physical Sciences 809.

The use of calculators will not be allowed on exams.

Make-ups: If you are unable to attend a test because of illness, please call me BEFORE the test begins. If I am not in my office, leave a message for me at the Mathematics Department; the number is 325-6711. I will arrange a make-up exam. Other potential reasons for make-up exams include absences related to other university coursework. These should be discussed with me in advance.

In general, make-ups will not be given for quizzes, and late homework will not be accepted.

Religious Observances: It is the policy of the University to excuse absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and additional required class work that may fall on religious holidays.

Reasonable Accommodation: The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325–3852 or TDD only 405/325–4173.

Academic Integrity: Consult the webpage **http://www.ou.edu/provost/integrity** for a discussion of academic integrity and academic misconduct. For a discussion of faculty and student rights and responsibilities under the University's academic misconduct code, see
http://www.ou.edu/provost/integrity-rights.