Math 656. Theory of Functions of Complex Variables II, Spring 2014

Syllabus

Instructor:	Dr. Micah B. Milinovich
Office:	Hume Hall 329
Office hours:	Tues. 2:00 - 3:00 PM, Wed. 2:00 - 3:00 PM
Email:	mbmilino@olemiss.edu

Course Information

Texts:	Bruce P. Palka: *An Introduction to Complex Function Theory*, Springer (UTM), 1990.
Time/Place:	Tuesday-Thursday, 11:00 AM - 12:15 AM, Hume Hall 331

Course Description

We will cover various topics in Palka's book, including: the global versions of Cauchy's theorem and integral formula; isolated singularities; the residue theorem; Conformal mappings; harmonic functions; and infinite products.

Homework

Homework will be generally assigned on Thursday of each week and collected at the *beginning* of the following Thursday's class. The homework will be designed to supplement your understanding of the course lectures. Each question is worth 2 points: if the solution provided is correct you get 2 points, if it is quite close to correct you will receive 1.5 points. If the solution is incorrect but contains some good ideas, you get 1 point. If the solution is poor, you get 0 points. I may not grade every question. The solutions are to be presented in a professional, clean, and well-organized manner. Homework is to be worked out *individually*, however you are encouraged to attend office hours to discuss your solutions before the due date.

Grading

There will be two mid-term exams (*dates to be determined*) and a final exam on Tuesday, May 6th at noon. The two mid-term exams each count for 15% of the course grade and a final exam counts for 30%. The remainder of the grade is based upon homework scores which will account for 40% of the course grade.

This course will use the plus/minus grading system.

Additional Policies

Each student is responsible for work missed due to absences. If a test is missed, a grade of zero will be given. Any person who must miss a scheduled test or quiz because of an official university function must reschedule with the instructor to take the test at a time *before* the test is scheduled to be given. No other rescheduling will be allowed. If asked for by the instructor, official documentation must be provided. The student is required to take the final exam at the time scheduled.

Course Withdrawal

The withdrawal deadline is Tuesday, March 4th, 2014. After the course withdrawal deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise the grade recorded will be F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the students academic dean. Dropping the course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student has changed his or her major.

Academic Needs

It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Any request for extended testing time made through that office must be made prior to the date of the test.

Academic Honesty

The following statement is the policy of Department of Mathematics regarding academic honesty: Cheating on any exam, quiz, classwork, or homework, theft of exam questions or possession of exam questions prior to the time for the exam shall all be offenses subject to the appropriate penalties. The penalty for commission of any offense set out above is failure in the course, and subject to the approval of the Chancellor, dismissal or suspension from the university.