Math 552/752I Course Outline

Spring 2014
TR 11:40–12:55, Section 001

Text: *A First Course in Complex Analysis*
by: Matthias Beck, Gerald Marchesi, Dennis Pexton, Lucas Sabalka
Free ebook: http://math.sfsu.edu/beck/papers/complex.pdf

Professor: Anton R. Schep

Office: LeConte 300C

Webpage: http://www.math.sc.edu/~schep/math552-2014.html

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Office hours: M-W 10:30–12:00, or by appointment

Prerequisite: MATH 241

Homework assignments Weekly quizzes will be based on daily homework posted at http://www.math.sc.edu/~schep/homework552-2014.html

Tests: 2 one hour and 15 minute tests, each counting 25%, 1 Final exam counting 35%

Tentative test dates: Test 1, Thursday February 20; Test 2, Thursday, April 17

Quizzes: 15%

Date of Final Exam: Tuesday, May 6, 9:00 AM

Material to be covered: Chapter: 1, 2, 3, 4, 5, 7, 8, part of 9

Calculators, Laptops, (smart) phones: These are not permitted on quizzes, tests, and final exams.

Cell Phone Policy: Please remember to turn off or silence your phone prior to class. No texting allowed during class.

Learning Outcomes: Students will master the fundamental concepts from Complex Analysis, including the concept of a holomorphic function, complex line integrals, Cauchy's Theorem, Cauchy's Integral Formula, classification

of zeros and singularities, and applications to residue calculus.

Make-up policy: No make-ups for missed quizzes (lowest 2 or 3 scores will be dropped), make-ups for missed hourly tests or final will only be given if they were missed for legitimate reasons. In this case any effort should be made to contact me as soon as possible and you might need to provide documentation to support your reasons for missing the tests.

Attendance policy: A grade penalty can be invoked, if more than 10% of classes are missed.