COURSE DESCRIPTION
COMPLEX ANALYSIS
MA 648-1E

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF ALABAMA AT BIRMINGHAM

Course Instructor: Rudi Weikard
Office: CH 481 B
Phone#: 934-3720
E-mail: rudi@math.uab.edu
Office Hours: Drop in anytime or call for an appointment.

Meeting times: MWF 12:20 pm — 1:10 pm
Meeting location: CH 458
Textbook: No textbook required. Lecture notes will be available.

Important dates:
First day of classes: August 26
Labor Day — no class: September 2
Thanksgiving Holidays: November 25 – 29
Last day of classes: December 6

Course content:
• The complex numbers: algebra, geometry, and topology
• Complex-valued functions of a complex variable
• Cauchy’s theorem and some of its consequences
• Isolated singularities
• A zoo of functions
• Entire functions

Assessment procedures: Final grades are determined by participation in class during the course.

Date: August 12, 2013.