Course Description
MA 648, Complex Analysis
Fall 2014
Department of Mathematics, UAB

Course Instructor: Dr. Günter Stolz
Office: CH 483A
Phone#: 934-3724
E-mail: stolz@uab.edu
Office Hours: by appointment, or (just about) anytime when in office

Meeting times: Mon, Tue, Fri, 12:20pm to 1:10pm
Meeting location: CH 458
Instead of a Textbook: No book purchase is required. At least initially, I will closely follow the lecture notes by Dr. Weikard, Complex Analysis, Fall 2013, which can be found at
http://people.cas.uab.edu/~weikard/teaching/ca.pdf
Detailed proofs, which are not provided in the notes, will be presented in class. Occasionally, parts of them may be given as homework assignments.
As the semester progresses, I may decide to modify some of the contents or cover some additional material. In this case I plan to distribute updated versions of the notes.
There are many standard textbooks on graduate level Complex Analysis, some of which are listed in the preface of Dr. Weikard’s notes. I will keep copies of most of these, as well as a few others, in my office, where you can borrow them for short periods. If you desire, you can use them for additional reading, but this should not be required to follow the class.

Grades:
Grades for this class will be based on the following:
Weekly Homework: 70%
Take-Home Final Exam: 30%
Approximately four to five homework problems will be assigned per week, due one week later. The problem set will be provided by email.
You will have approximately 10 days to work on the take-home final, which will cover material from throughout the semester.
For a letter grade of A an average of approximately 80% is expected, for a B 60%.

Important dates:
Thanksgiving Break: November 24 to 28
Last Class: Friday, December 5
Take-Home Final due: Wednesday, December 10, 6:00pm