ACMS 40485: Applied Complex Analysis
Spring Semester 2015
December 17, 2014

Instructor: Andrew Sommese (291 Hurley, Phone: 631-6498), email: sommese@nd.edu
Office Hours: After Class and Open Door (see below).

Class Time/Place: T & Th; 11:00 AM – 12:15 PM in Hayes-Healy 231

Class Website: `www.nd.edu/~sommese/ACMS15S40485`

Office Hours: Open Door: I am in my office almost every weekday, and encourage you to visit. If you just come to my office you will often find me free, but if you set up a time with me before hand, then you can be sure that I will be there.

Examinations, homework, and grades: There will be two examinations worth 100 points and a final examination worth 150 points. The final exam will be a two hour exam covering all the material of the course with emphasis on the material covered after the second exam.

Homework (worth 100 points) is an integral part of the course. Typically I will give assignments on Friday, which are then collected during the tutorial on the following Tuesday. I strongly encourage you to see me if there is anything connected with the course or the mathematics in the course that you are unclear on or would like to know more about.

Both examinations and the homework are conducted under the honor code. While cooperation in doing homework is permitted (and in fact encouraged), copying is not.

Homework will be worth 100 points. The total number of possible points for the semester is 450. The numerical break points for letter grades (A, A-, B+,...) will be based only on the test scores and the homework.

We will follow *Complex Variables: Introduction and Applications* (Cambridge Texts in Applied Mathematics) by M.J. Ablowitz and A.S. Fokas. Maple or some similar program, e.g., Matlab or Mathematica, is required software.

Exam 1: Thursday, February 12.
Exam 2: Thursday, March 26.
Final: Friday, May 9, 10:30AM to 12:30PM.

The most recent version of this handout plus other useful materials can be found at `www.nd.edu/~sommese/ACMS15S40485`.