

**ACMS 550: Intro. to Applied Math. I**  
**Fall Semester 2011**  
August 3, 2011

Instructor: Andrew Sommese (156A Hurley, Phone: 631-6498), email: sommese@nd.edu  
Office Hours: Open Door (see below).

Teaching Assistant: Amy Buchmann (163 Hurly), email: Amy.L.Buchmann.5@nd.edu  
Office Hours TBA.

Class Time/Place: M W F from 10:40-11:30AM in Hurley 154  
Tutorial: Tuesday, 11-11:50 AM in Hayes-Healy 229

Class Website: [www.nd.edu/~sommese/ACMS11F550](http://www.nd.edu/~sommese/ACMS11F550)

*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 or the TA 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 M.L. Boas, *Mathematical Methods in the Physical Sciences*, 3rd edition (2006), John Wiley & Sons, ISBN:9780471198260. Maple 15 will also be required.

Exam 1: Tuesday, September 27.

Exam 2: Tuesday, November 8.

Final: Thursday, December 15, 4:15 to 6:15PM.

*The most recent version of this handout plus other useful materials can be found at [www.nd.edu/~sommese/ACMS11F550](http://www.nd.edu/~sommese/ACMS11F550).*