

ACMS 40390, Spring Semester 2019

January 15, 2019

Instructor: Andrew Sommese (sommese@nd.edu)
291 Hurley Phone: 631-6498
Time/Place: MWF: 9:25 to 10:15 in DeBartolo 215
Class Website: www.nd.edu/~sommese/acms19S40390

Office Hours: 10:20-11:15 AM on Mondays and Fridays. Office hours of the class TA, Yihao Fang: 3:00-4:00 PM in Crowley 202 on Mondays and Fridays.

Examinations, homework, and grades: The course grade will be based on 450 points of which 350 points come from tests and 100 points come from homework.

There will be two examinations worth 100 points and a final examination, which will be worth 150 points. The final exam will be a take-home exam covering all the material of the course with emphasis on the material covered after the second exam.

Homework will be assigned regularly, and is an integral part of the course. Typically homework will be assigned on Wednesday and Friday (assignments will be posted on the class website) and collected the following Wednesday. Homework should be handed in on time! You are allowed and encouraged to use your notes, the web, and any library books while doing the homework. You will need software, but the choice, e.g., Maple, Mathematica, or Maple, is up to you. There are some restrictions on what you may use, which will be discussed in class.

Both examinations and the homework are conducted under the honor code. While cooperation in doing homework is permitted (and encouraged), copying is not. A student who misses an examination will receive no points for that exam unless he or she has permission in advance. (Under University guidelines, travel plans are not considered to be a sufficient excuse for taking an exam on a different date.)

Homework will be worth 100 points. Thus 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. After the final break points are computed, I will replace the total homework score S by $\min(100, 1.3 \cdot S)$.

We will follow *Numerical Analysis*, 10th edition by Burden, Faires, and Burden.

Exam 1: Wednesday, February 20 in class.

Exam 2: Wednesday, April 3 in class.

Final: Take Home due Monday, May 6 8:00 AM - 10:00 AM.

The most recent version of this handout plus other useful materials can be found at www.nd.edu/~sommese/acms19S40390.