

# ACMS 40790-01: Topics in Applied Mathematics

## Nonlinear Equations, Spring 2016

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Class website: <http://www.nd.edu/~jhauenst/acms40790>  
2:00 – 2:50 pm MWF in Pasquerilla Center 105

**Instructor:** Jonathan Hauenstein (Hayes Healy 146, [hauenstein@nd.edu](mailto:hauenstein@nd.edu))

**Office Hours:** After class and by appointment.

Open door policy as I am in my office throughout the week and encourage students to visit. If I am free in my office, I welcome questions from students. To be sure I will be free, please send an email to setup a time to meet.

**Attendance:** Each student is expected to attend every class lecture.

**Electronics:** Please respect your fellow students and prevent your electronics from disrupting class.

**Collaboration and Honor Code:** Students are permitted and encouraged to work together when doing homework, but must write their own papers. Copying work is not allowed. Examinations and homework are conducted under the honor code ([honorcode.nd.edu](http://honorcode.nd.edu)).

**Absences and makeup work:** Students are expected to arrive on time, stay the entire class, and contribute to the class discussion and group work. Excused absences and makeup exams will be handled according to University policy. Please notify the instructor in writing (email message is acceptable) prior to the date of absence when this is feasible. In cases where advance notification is not feasible (e.g., accident or emergency), the student should notify the instructor as soon as possible.

**Grading:** There will be two examinations each worth 100 points, a two-hour final exam worth 150 points, and homework worth 100 points. The total number of possible points is 450 with a numerical break points for letter grades (A, A-, B+, B, ...) based solely on the test scores and homework. Homework is to be given to the instructor by 2:00 pm on the day it is due.

Exam 1: Take home exam due Wednesday, February 17 at 2:00 pm

Exam 2: Take home exam due Wednesday, March 23 at 2:00 pm

Final Exam: Wednesday, May 4, 4:15 pm – 6:15 pm

**Disabilities:** Reasonable accommodations will be made for students who are registered with the Office of Disability Services. Such students should speak with the instructor as soon as possible.