Prerequisites: Differential equations (e.g. 216, 256, or 316, or equivalent).
Linear algebra (e.g. 217, 417, or 419, or equivalent).
Experience with or willingness to learn e.g. Matlab.

Instructor: Selim Esedoglu
5860 East Hall
esedoglu@umich.edu
Office hours: TuTh 10:00 am -- 11:30 am

Lecture: TuTh 8:30 am -- 10:00 am
2150 Dow

Grading: Homework: 30% (Weekly)
Midterm: 30% (Thursday, Feb. 28, regular time. In class)
Final: 40% (Wednesday, May 1, 8 am - 10 am. In class)

Written homework will be assigned weekly. It may or not entail short programming exercises. In general, late homework will not be accepted (except without a legitimate, well-documented excuse, e.g. a medical condition). The dates of the midterm and final exam are firm, so plan accordingly. No exceptions will be made, except for well-documented legitimate reasons. Grade distribution will be matched to those from previous years for this class, unless there is a very good reason not to do so.

Textbook: A Friendly Introduction to Numerical Analysis by B. Bradie.

Additional references:

