Instructor
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Course web-page: http://math.bu.edu/people/oleg/ma226.htm

Lectures
Monday, Tuesday, Wednesday, Thursday, 1pm–3pm, at PRB 148.

Office Hours
Monday 3pm – 4pm, Wednesday 11:30am–12:30pm, and by appointment.

Textbook

Course Outline
The course is an introduction to the theory of ordinary differential equations. The topics covered by the course:

- First-Order Equations (Chapter 1, Sections 1.1 – 1.8)
- First-Order Systems (Chapter 2, Sections 2.1 - 2.3)
- Linear Systems (Chapter 3, Sections 3.1 – 3.8)
- Forcing and Resonance (Chapter 4, Sections 4.1 – 4.3)
- Nonlinear Systems (Chapter 5, Sections 5.1 – 5.4)
- Laplace Transforms (Chapter 6, Sections 6.1 – 6.4)

Homework and quizzes
Homework problems will be assigned daily in class and posted on the course web-page. Homework will not be collected. A quiz will be given twice a week, on Tuesdays and Thursdays, at the beginning of class. The problems in quizzes will be similar to those in the homework assignments. When calculating the final grade, I will drop the two lowest scores on quizzes.

Exams
There will be one midterm exam, scheduled on Monday, June 5th. The final exam is on Wednesday, June 28th. Generally no make up exams or quizzes will be given – in order to be eligible for one you must have a valid excuse supported by paperwork (e.g. a letter from the doctor).
Calculators
No calculators will be allowed during quizzes or exams.

Final grade
Quizzes: 30%.
Midterm exam: 30%
The final exam: 40%.

Academic Conduct You are responsible for being familiar with CAS Academic Conduct Code. A copy can be obtained in room CAS 105 and online at http://www.bu.edu/cas/undergraduate/conductcode.html