Spring 2016
Math 4512: Differential Equations with Applications.

Class Times and Location:
13:25 pm – 14:15 am MWF, FordH 110.

Instructor: Mikhail Safonov, VinH 231, tel: 625-8571,
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Office Hours: MWF, 11:15 am – 12:05 pm, or by appointment.


We tentatively plan to cover Chapters 2–4, 6–7, with some exclusions.

Homeworks: There will be 5 homeworks due at the beginning of class on Wednesdays, February 3, 17; March 9, 30; April 20.
Late homework will receive less that full credit, and possibly zero credit.
The grading for homeworks will be based on a selection of a few problems (3–5 ones, depending on the difficulty), a selection unknown to the class in advance.

Midterm Exams:
on Wednesdays, February 24 (6th week) and April 6 (11th week), during class time.

Final Exam:
Wednesday, May 11, 8:00 am–10:00 am, FordH 110.

Grading: Homeworks - 20% of the total grade for 4 (out of 5) best ones, Midterm Exams - 20% for each one, Final Exam - 40%.

Missed exams: Make-up Final exams will be given to students who have a valid reason for missing an exam. Such students must notify their instructor prior to the exam, and the reason must be documented. There will be no make-up Midterm exams. A proportional part of the score for the Final exam will be used instead for students who have a valid documented reason for missing a Midterm exam.

Homework #1 (due on Wednesday, February 3):
Sec. 2.1: #13, 18, 30.
Sec. 2.2: #7, 8, 31 (without graphs).