

MATH 4512. Differential Equations with Applications

Syllabus: Spring 2009

Instructor: Mikhail Safonov, VinH 231, tel: 625-8571, email: safonov@math.umn.edu
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Class Times and Location:

10:10 am – 11:00 am MWF, VinH 1.

Office Hours: MWF, 11:10 – 12:00 noon, or by appointment.

Textbook: *W.E. Boyce and R.C. DiPrima*, Elementary Differential Equations and Boundary Value Problems, 8th Edition. John Wiley & Sons, Inc.
We tentatively plan to cover Sec. 2.1-2.6, Ch. 3-6.

Homeworks: There will be 5 homeworks due at the beginning of class on Wednesdays,

February 11, February 25, March 25, April 8, April 29.

Midterm Exams: on Wednesdays,
March 4 and April 15, during class time.

Final Exam:
Wednesday, May 13, 1:30 pm – 3:30 pm.

Grading: *Homeworks* - 30%,
Midterm Exams - 30% , *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.

Incompletes: The grade of **I** can be assigned only to students who have taken and passed one Midterm Exams and who have a **valid** excuse for being unable to take the Final Exam.