

Math 5615H: Introduction to Analysis I. Syllabus: Fall 2011

(updated on September 8)

Class Times and Location:

2:30 pm – 3:20 pm MWF, VinH 211.

Instructor: Mikhail Safonov, VinH 231, tel: 625-8571, email: safonov@math.umn.edu
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Office Hours: 1:25 pm – 2:15 pm MWF, and by appointment.

Textbook: *W. Rudin*, "Principles of Mathematical Analysis", 3rd edition.

We tentatively plan to cover Chapters 1–6 of this book during Fall semester.

Supplementary text: *R. Strichartz*, "The Way of Analysis", 2000 or 1995 edition.

Both books are on reserve in Math library, VinH, 3rd floor.

Homeworks: There will be 13 homeworks given on Wednesdays, weeks 1–13, and due next Wednesday at the beginning of class.

Midterm Exams: on Wednesdays,

October 5 (5th week) and November 16 (11th week), during class time.

Final Exam:

Wednesday, December 21, 10:30 am – 12:30 pm, VinH 211.

Grading: *Homeworks* - 20% of the total grade for 12 (out of 13) 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.

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.