

Math 8601/2: REAL ANALYSIS. FALL 2015

Class Times and Location:

10:10 am – 11:00 am MWF, VinH 211.

Instructor: Mikhail Safonov, VinH 231, tel: 625-8571,
email: safonov[at]math.umn.edu
<http://www.math.umn.edu/~safonov>

Office Hours: MWF, 11:15 am – 12:05 pm, or by appointment.

Textbook: *G.B. Folland*, REAL ANALYSIS. Modern Techniques and Their Applications. 2nd Edition, John Wiley & Sons, Inc., 1999, or later editions.

We plan to cover Sections 1.1–1.5, 2.1–2.6, 3.1–3.5, 4.1–4.7 of this book in Fall 2015, and Sections 5.1–5.5, 6.1–6.2, 7.1–7.3, 8.1–8.5 in Spring 2016, with some exclusions.

Homeworks: There will be 6 homeworks due at the beginning of class on Wednesdays,

September 23; October 7, 21; November 4, 25; and December 9.

Late homework will receive less than full credit, and possibly zero credit.

Midterm Exams: on Wednesday,

October 14 (6th week) and November 18 (11th week), during class time.

Final Exam:

Wednesday, December 23, 1:30–3:30pm, VinH 211.

Grading: *Homeworks* - 20% of the total grade for 5 (out of 6) 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.