

Real Variables I - Math 320

Fall 2007

- **Instructor:** *Malabika Pramanik*
- **Mathematics Building, Room 214**
- **Phone:** (604)822-2855
- **Email:** *malabika@math.ubc.ca*
- **Office hours:** *To be announced on the course website.*
- **Web page :** The course website is

<http://www.math.ubc.ca/~malabika/teaching/ubc/fall07/math320/index.html>

Homework assignments and all relevant course information (such as changes to office hours if any, or solutions to homework problems if needed) will be posted here.

- **Text :** *Principles of Mathematical Analysis (third edition)* by W. Rudin.
- **Lectures :** Monday, Wednesday, Friday 9-10 am in Buchanan, Room A205.
- **Prerequisites :** Either (a) a minimum score of 68% in Math 226, or (b) Math 200 plus a minimum score of 80% in Math 220.

- **Course Policies :**

- Homework problems will be posted weekly on the course website, and collected at the end of class every Wednesday. Writing proofs is an integral component of this course, and as such homework solutions should be carefully prepared with special attention to details. Answers should be clear, legible and in complete English sentences. You are encouraged to discuss homework problems with each other. However, the solutions that you write up should be entirely your own.
- There is a mailing list for the course, designed for students who wish to work together on the course material or form study groups. This is a forum for the students to discuss mathematics with each other, the instructor normally does not participate in these discussions. Consult the course website regarding rules for subscribing.
- In addition to homework, there will be a *midterm and a final exam*. The midterm will be an hour long and held during class time on *Friday October 19*. Your total score will be a weighted average of your homework, midterm and final scores, with the breakdown as follows.

Homework	30%
Midterm	30%
Final exam	40%

- The midterm and final exam will be strictly closed book; no formula sheets or calculators will be allowed.
- Missing a homework or midterm normally results in a score of 0. Exceptions may be granted in two cases: prior consent of the instructor or a medical emergency. In the latter case, the instructor must be notified within 48 hours of the missed test and presented with a doctor's note immediately upon return to UBC.
- *Do not make travel plans until the final exam schedule has been announced.*