

COURSE INFORMATION

Mathematics 257, Section 101

September 2005

TEXTBOOK: The official textbook is “Partial Differential Equations”, 2nd edition, by Nakhlé H. Asmar, Pearson Prentice Hall publishers.

INSTRUCTOR: Denis Sjerve

Office: Math 107

Office hours: 1:00-2:30 MW, or by appointment.

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SCHEDULE: Lectures MWF 9:00-10:00, Math 104

HOLIDAYS: Thanksgiving Day, Monday Oct. 10

Remembrance Day, Friday Nov. 11

LAST DAY OF CLASSES: Friday December 2

COURSE HOME PAGE: <http://www.math.ubc.ca/~sjer/math257/index.html>

MATHSHEET HOMEPAGE: <http://ugrad.math.ubc.ca:8099/mathsheet/index.html>

OTHER SITES: AMS Exam Data Base <http://www.ams.ubc.ca/exams>

Lecture notes by Prof. R. Froese:

<http://www.math.ubc.ca/~rfroese/notes/Lecs316.pdf>

CALCULATORS/CHEAT SHEETS: Calculators and cheat sheets will not be allowed on the final examination or the midterms.

MIDTERMS: Wednesday Oct. 12

Wednesday Nov. 16

Midterms will take place in the classroom and last **exactly 50 minutes**. **Everyone will stop writing at the same time and stay in their seats until all midterms are collected. Anyone who continues to write after the end of the examination runs the risk of not having their paper collected.** There will not be any make-up midterms for those who miss one of the midterms. In lieu of a make-up I will assign a mark for the missed midterm based on the class average and how well you do on the other midterm.

MARKS: 10% Homework

20% Midterm #1

20% Midterm #2

50% Final exam

Note: the final examination will be common to all sections and term grades will be scaled so as to have the same median as the final.

HOMEWORK: Homework will be handed out on Wednesdays, starting Sept. 7, due in class the following Wednesday. Answers will be available sometime in the week following the due dates. There will be 10 assignments, of which only the best 8 will be counted. Homework not handed in, or handed in late, will count as one of the 2 assignments I will forgive. **Please submit your assignments on standard $8\frac{1}{2} \times 11$ paper and staple the pages together so that pieces of paper do not go missing. I will not accept homework that is not stapled and I will not bring a stapler to class.**

CHEATING: Cheating has become a serious problem for many UBC courses. There are many forms of cheating: copying from someone else, talking during an examination, using materials not allowed during an examination, writing after the end of an examination, etc. **Cheaters are often caught and the usual punishment is as follows (after due process):**

1. A mark of 0 in the course.
2. Suspension from UBC for one year.
3. No transferability to UBC of courses taken at other institutions while under suspension.
4. Cheating is noted on your transcript for a number of years.

MATHSHEET: This is a piece of freely available software developed by Bill Casselman (Mathematics Department, UBC) and David Austin (formerly of the Mathematics Department, UBC, but now in the Department of Mathematics and Statistics, Grand Valley State University, Allendale, Michigan). It is a spread sheet specially designed for doing mathematics on the web. Some of my lectures will use MATHSHEET as will some homework. All necessary computer techniques will be taught in class, and no programming will be involved.

AIM: This is another piece of freely available software for doing and submitting mathematics homework on the web. I will use it from time to time.