

# MATH 527: Intermediate Partial Differential Equations

**Fall 2010**

**Textbook:** Partial Differential Equations, 2<sup>nd</sup> edition, by L. C. Evans.

**Syllabus:** Chapters 1 - 7.

**Final Grades:**

<b>Assignments</b>	15%
<b>Quizzes</b>	15%
<b>Final Examination</b>	70%

**Assignments:** There will be 6 assignments (worst one grade will be dropped). Hand in written solutions in class on due dates. Late assignments are only accepted with instructor's consent **before** due time.

Collaboration is encouraged, but no collaboration when writing down your answers.

**Quizzes:** There will be 6 quizzes (best three counted). Each is about 25mins and has one problem. Quizzes are open book/notes. Collaboration is not allowed.

**Final Exam:** 2PM Monday, 13 December 2010.

**Deferred Exam:** 9AM Saturday, 15 January 2011 (requires approval of your Faculty Office).

**Web Site:** On <http://www.math.ualberta.ca/~xinweiyu/5271.10f/index.html>, you can find

- ✓ Course calendar; Check it often for announcements, etc.
- ✓ Lecture notes and other supplemental materials.
- ✓ A link to "Comments" page.

**Absences:** If you cannot submit an assignment for a valid reason, please inform your course instructor **before** the due time. Documentation is not required for incidental absences, but instructors reserve the right to require a Statutory Declaration if you are often absent. Doctors' notes are not required. You must complete a Statutory Declaration if you are absent from a midterm or final exam. Statutory Declarations can be completed at the Faculty of Science Office in the Biological Sciences Bldg.

**More on Exams:** ✧ At least 50% (regarding points) of the problems will be selected from the textbook.

## **Temporary Schedule & Lecture Notes**

- Will be roughly the same as last year ([www.math.ualberta.ca/~xinweiyu/527.1.09f/index.html](http://www.math.ualberta.ca/~xinweiyu/527.1.09f/index.html))
- New lecture notes will be posted if major revision occurs.