

UNIVERSITY OF REGINA

DEPARTMENT OF MATHEMATICS AND STATISTICS

Math 217, Differential Equations and Series

Spring 2013

Instructor: Bahman Ahmadi

Contact info:

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Lectures: Monday, Tuesday, Wednesday and Thursday from 8:00am to 9:15am, Classroom Building 127.

Office Hours: Monday: 10:00am-12:00pm and Wednesday 10:00am-12:00pm or by appointment.

Prerequisites:

- Math 111;
- Math 122.

Textbook:

- Zill/Cullen, Differential Equations with Boundary-Value Problems (8th Edition);
- Calculus, James Stewart (7th edition).

Course Description: Math 217 covers complex variables, second order ODEs, systems of ODEs, Laplace Transforms, and Series

Marks:

- Assignments (6 assignments): 20%;
- Midterm Exam (May 30, 2013): 30%;
- Final Exam (June 24, 2013): 50%.

Course Web-Page: Please visit the the web-page of the course, titled “*Math217 (Spring 2013)*”, through my homepage (uregina.ca/ahmadi2b, under “Teaching”) for announcements as well as the solution manuals for the assignments and the midterm.

Assignments: Every Tuesday, there will be an the assignment due (except for Tuesday May 5, 2013, when the midterm is). All the **six** assignments will be posted on the web-page of the course every week. The set of these six assignments is worth 20% of the final grade of the course.

Midterm Exam: A 50 minute midterm will be written on Thursday, May 30, 2013. The midterm is worth 30% of your final grade. If you cannot write a midterm for any reason, you have the option to transfer its weight to the Final Exam. Please notify me before the midterm date, if you intend to do so.

Final Exam: The comprehensive final exam will be written on Monday, June 24, 2013, from 8:00am - 11am. Please remember to bring some form of picture ID to the exam, as you might be asked to present it.

Good luck!