Math 315

Ordinary differential equations

Winter 2014

General information

Lectures: MWF 08:35–09:25, Stewart Biology Building S1/3

Instructor: Dr. Gantumur Tsogtgerel

Office: Burnside Hall 1123
Office hours: W 14:35–15:55,
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Midterm: Wednesday February 26, in class

Grading: Webwork 15%, Written assignment 15%, Midterm 15%, Final 55%

Websites: MyCourses and www.math.mcgill.ca/gantumur/math315

Course number: MATH 315

Course title: Ordinary differential equations

Credit hours: 3

Prerequisite: MATH 222 (Calculus 3)

Corequisite: MATH 133 (Linear algebra and geometry)

Restriction: Not open to students who have taken or are taking MATH 325

Recommended textbooks

**Exams and Homework Assignments**

There will be a midterm exam and a final exam. We will have at least one written homework assignment, and the rest of the assignments will be on WeBWorK. All homework assignments will count towards the final grade. Late homework will not be accepted.

**Calendar Description**

First order ordinary differential equations including elementary numerical methods. Linear differential equations. Laplace transforms. Series solutions

**McGill Policies and Disclaimers**

In accord with McGill University’s Charter of Students’ Rights, students in this course have the right to submit in English or in French any written work that is to be graded.

In the event of extraordinary circumstances beyond the University’s control, the content and/or evaluation scheme in this course is subject to change.

McGill University values academic integrity. Therefore, all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see [www.mcgill.ca/integrity](http://www.mcgill.ca/integrity) for more information).

Additional policies governing academic issues which affect students can be found at [www.mcgill.ca/secretariat/policies/students](http://www.mcgill.ca/secretariat/policies/students).