University of Regina
Mathematics 305–Introductory Mathematical Analysis

Section: 001
Lecture: TuTh 1000–1115 in Laboratory Building, room 235 (LB 235).

Professor: Michael Kozdron
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Home Page: `http://stat.math.uregina.ca/~kozdron/Teaching/Regina/305Fall11/`
Office Hours: TBA.

Required Text:
Steven R. Lay, *Analysis: with an introduction to proof*, Fourth Edition, Pearson Prentice Hall 2005.

Course Description:
3 credits. Sequences, limits and continuity for functions on the real line, differentiation, and Riemann integration.

Prerequisites:
MATH 221 and MATH 213 with grades of at least 60%.

Student Responsibilities:
Students should familiarize themselves with both the *Responsibilities of Students* in Section 5.1 and the *Responsibilities of Instructors* in Section 5.2 of the *Undergraduate Calendar*. Especially note item 8 which states that: Instructors are expected to conduct their courses in such a way as to obtain evidence of student writing skills, in term papers, essays, reports, or other written work, and to demand competence in writing for a passing grade.

Grading Information:
Your final grade will be determined by your performance in the course, including assignments, the midterms, and the final exam. Students should consult *Grading Descriptions* in Section 5.9.1 of the *Undergraduate Calendar* for an outline of the expectations associated with various percentage grades.

Evaluation Type	Number	Percentage of Final Grade
Assignments	12	0%
Midterm Exams	2	50%
Final Exam	1	50%

Caveat: In order to receive a final grade of at least 60% for the course, it is necessary (but not sufficient) to receive a grade of at least 60% on the final exam.

Policy for Missed Classes, Missed Midterm, and Missed Final Exam:
Students should familiarize themselves with the sections *Attendance* (Section 5.3) and *Deferrals* (Section 5.7) of the *Undergraduate Calendar*.

Exam Dates:
The midterm exams will be held in class during the usual class time, and the location of the final exam will be determined by the Registrar near the end of the term.

- Midterm Exam #1: **Thursday, October 13, 2011, 1000–1115**

- Midterm Exam #2: **Tuesday, November 15, 2011, 1000–1115**

- Final Exam: **Thursday, December 15, 2011, 900–1200**

Web Site:
I have written a web site for this section. The URL is

$$\texttt{http://stat.math.uregina.ca/}{\sim}\texttt{kozdron/Teaching/Regina/305Fall11/}$$

I will be updating this site throughout the term and you will be able to download any handouts that you don't get in class.

Email:
Email will be a significant form of course related communication between both students and the instructor. Therefore, please check your email regularly for course updates and homework/midterm information. Feel free to email your questions to me. I will endeavour to respond within 24 hours. Should you not receive a reply within 24 hours, try sending the message again, or ask me in person if I received your mail.

Academic Integrity:
For a university community of scholars, academic integrity is the heart of intellectual life—both in learning and in research.

Students should read carefully the University of Regina guidelines on *Student Behaviour* in Section 5.13 of the *Undergraduate Calendar*, and not assume they understand what integrity and cheating are and are not. Academic integrity most certainly implies more at the university than it did in high school. The standards of integrity are those that prevail in professional life. Students must acknowledge and cite ideas they adopt from others (not just direct quotations), and understand the general standards and policies of academic integrity, as well as specific expectations in individual courses. When in doubt, ask!

Students should also consult the pamphlet *Academic Integrity* published by the University Secretary, or contact that office for more information.