University of Regina
Mathematics 300–Introduction to Set Theory

Section: 001
Lecture: MWF 1130–1220 in Research and Innovation Centre, room 209 (RIC 209).

Professor: Michael Kozdron
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Office Hours: By appointment

Course Description:
3 credits. Sets, relations, and operations on them. Natural numbers. Finite and infinite sets, ordinals and cardinals. Recursion theorems. Arithmetic of cardinals and ordinals. A brief introduction to set-theoretic topology. Construction of the real numbers and basic properties.

Prerequisites: MATH 221.

Student and Instructor Responsibilities:
Students should familiarize themselves with both the *Student Code of Conduct and Right to Appeal* on pages 41–47 and the *Instructor Responsibilities* on page 48 of the *Undergraduate Calendar*. Especially note item 9 which states that students of the U of R can expect their instructors to: When appropriate, 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 to obtain a passing grade.

Grading Information:
Your final grade will be determined by your performance in the course, including assignments, lab assignments, two midterms, and a final exam. Students should consult *Grading System and Descriptions* on pages 50–51 of the *Undergraduate Calendar* for an outline of the expectations associated with various percentage grades.

Evaluation Type	Number	Percentage of Final Grade
Assignments	5	20%
Midterm Exams	2	30%
Final Exam	1	50%

Policy for Missed Classes, Missed Midterms, and Missed Final Exam:
Students should familiarize themselves with the sections *Attendance* (page 48) and *Deferral of Final Exams or Course Work* (pages 49–50) 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: **Friday, October 11, 2019, 1130–1220**

- Midterm Exam #2: **Friday, November 22, 2019, 1130–1220**

- Final Exam: **Monday, December 16, 2019, 900–1200**