

MATH 365 (MATH 627)
Analysis II
Summer 2019

- Instructor:** Dr. R. Raphael, Office: LB 901-15 (SGW), Phone: 514-848-2424, Ext. 3253
Email: r.raaphael@concordia.ca
- Lectures:** Tuesdays & Thursdays, 10:15-12:45 PM.
- Office Hours:** Tuesdays, 13:30-15:30.
- Text:** *Introductory Real Analysis*, by F. Dangelo & M. Seyfried, chapters 6-9 (electronic version on reserve at Webster Library: log into the course reserve system (<http://reserves.concordia.ca>), you will see the 4 chapters. The book is also available in the course reserve room: <http://clues.concordia.ca/record=b2591632>. You can print it out or save it in your laptop).
- Suggested References:** *Calculus*, 3rd Edition, by M. Spivak.
Understanding Analysis, by Stephen Abbott.
- Assignments:** Given approximately weekly. Late assignments will not be accepted. *You should submit your assignments handwritten on paper, not electronically and provide complete arguments. Some assigned problems may not be marked.*
- Midterm Test:** There will be a midterm test scheduled in the 7th or 8th lecture. There is no make-up midterm test
- Grading:** 10% Assignments, 30% Midterm Test, 60% Final Exam
OR
10% Assignments, 90% Final Exam
- If the grading scheme for this course includes graded assignments, a reasonable and representative subset of each assignment may be graded. Students will not be told in advance which subset of the assigned problems will be marked and should therefore attempt all assigned problems.

Lectures	Topics	Chapters
1-4	Riemann Integration	Chapter 6
5-7	Series of Real Numbers	Chapter 7
8-10	Sequences and Series of Functions	Chapter 8
11-12	Power Series and Taylor Series	Chapter 9
13	REVIEW	

Academic Integrity and the Academic Code of Conduct

This course is governed by Concordia University's policies on Academic Integrity and the Academic Code of Conduct as set forth in the Undergraduate Calendar and the Graduate Calendar. Students are expected to familiarize themselves with these policies and conduct themselves accordingly. "Concordia University has several resources available to students to better understand and uphold academic integrity. Concordia's website on academic integrity can be found at the following address, which also includes links to each Faculty and the School of Graduate Studies: concordia.ca/students/academic-integrity." [Undergraduate Calendar, Sec 17.10.2]