Department of Mathematics & Statistics
Concordia University

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MATH 365 (MATH 627)
Analysis II
Summer 2017

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Instructor: Dr. R. Raphael, Office: LB 901-15 (SGW), Phone: 514-848-2424, Ext. 3253
Email: raphael@alcor.concordia.ca

Office Hours: TBA.

Text: *Introductory Real Analysis*, by F. Dangello & M. Seyfried.

Suggested Reference: *Calculus*, 3rd Edition, by M. Spivak.
Elements of Real Analysis, by Charles G. Denlinger.

Assignments: Late assignments will not be accepted. *You should provide complete arguments in your homework. Some assigned problems may not be marked.*

Midterm Test: There will be a midterm test scheduled in the 7th or 8th lecture.

Grading: 10% Assignments, 30% Midterm Test, 60% Final Exam
OR
10% Assignments, 90% Final Exam

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**	