Department of Mathematics & Statistics
Concordia University

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MATH 365 (MATH 627)
Analysis II
Summer 2016

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Instructor:	Dr. R. Raphael, Office: LB 901-15 (SGW), Phone: 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.* Solutions of all assigned problems will be posted on Moodle. Answers and proofs for some unassigned problems are at the back of the text.
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**	