

# Math 1077 WA

## Sequences and Series - Winter Term 2011

Dave Schelling  
Office: RB-2006  
Office Hours: Friday, 11:30 a.m. – 12:20 p.m.

Office: 343-8822  
Fax: 343-8821

E-Mail: [david.schelling@lakeheadu.ca](mailto:david.schelling@lakeheadu.ca)

---

**Text:** "Essentials of Technical Mathematics with Calculus", Second Edition, by Richard S. Paul and M. Leonard Shaevel

**Lectures:** Monday, Wednesday, Friday: 10:30 – 11:30 a.m. in RB-1021

**Lab:** Thursday: 6:00 – 8:00 p.m. in RB-1023  
(Please email me prior to 4:00 p.m. on Thursday if you plan to attend the Lab.)

**Course Content:** Chapters 2, 15, 20, (from the course text)  
Supplemental Topics (anticipated): Mathematical Induction, Monotone Sequences, Exponential Function as a Limit, Series Convergence Tests (p-series, comparison test, ratio test, root test, alternating series test)

**Grading Scheme:** Your final grade will be the higher of the two grading schemes below:

<b>Scheme #1:</b>	Assignments	10%	<b>Scheme #2:</b>	Assignments	10%
	Mid Term Test	30%		Final Exam	90%
	Final Exam	60%			

### Homework Assignments:

Questions will be assigned as the topics are covered. There will be 5 assignments to hand in with due dates of Jan. 24, Feb. 7, Feb. 28, Mar. 14 and Mar. 28. They are due by 4:30 p.m. and you can deposit your assignment in the box marked M-1077 WA next to RB 2023 on the second floor of the Ryan Building. No late assignments will be accepted. Assignments may be done in pen or pencil.

All attempted questions should be submitted in the order they were assigned. The first page should have Math 1077 WA and the assignment number written on it. All pages should be stapled together and have your name and/or student number on them. As the majority of assignment questions (for the first 3 assignments) will have answers available, they will be marked more for completion than explicit detail.

### Mid Term Test:

There will be one mid-term test valued at 30%. It will be held during the lab session with a target date of February 17. There will be no makeup test for a missed test. The value of the missed test will simply be added to the weight of the Final Exam. Tests (and Exams) can be written in either pen or pencil.

### Re-mark of Tests:

1. Do not make any changes to your test paper.
2. Either see me during office hours, or on a separate piece of paper note what is wrong with the way your test is marked. Attach this note to your test paper and submit these papers to me, not in the assignment box.
3. No mark changes will be considered seven days from the day the test is handed back.
4. Note that in any re-evaluation of your marks, while there is a potential for your mark to increase, there is also the possibility for your mark to decrease.

### Final Exam:

The final exam will cover the entire course. The date and time will be determined by the Office of the Registrar and will be posted on the web under Exam Schedule.