

Introduction to Analysis 1

MTH 62-314, Section 01

Fall 2016

Course Instructor: Dr. Animesh Sarker

Contact Information:

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Office hours: MW 11:30noon-1:00pm, F 9:00am-11:00am
(Sep 12-Dec 9)

Classes: MW: 4:00pm-5:20pm (ER 1115); F: 11:30am-12:20pm (ER 1115)

Prerequisite:

- (i) 2 courses needed from: 0362100 (terms 1992 Winter through 2001 Summer only), 0362141, 0362190
- (ii) 1 course needed from: 0362120, 0362125, 0362126

Textbook:

Principles Of Mathematical Analysis (Edition 3) by Walter Rudin.

Course content:

Topics Include: Real numbers, basic topology, numerical sequences and series, continuity, differentiation (Chapter 1 through chapter 5)

Calculators:

No calculators or any other electronic devices are permitted on any evaluation.

General methodology used in conducting the course:

Interactive lecture, group work, reading, exercises, responses to questions on exercises, work on computers and possible presentations by students. Most class periods will begin with questions from students about the previous period's activities, reading assigned, related computer work, or exercises assigned.

Homework:

Assignments will be given but will not be collected. It is *very* important to do your homework

regularly. Some homework exercises will reappear (with trivial modifications) on quizzes or tests.

Evaluation:

Quiz	Sep 23, Oct 7, Nov 4, Nov 18	10%
Test 1	October 22, 9:00am	20%
Test 2	November 26, 9:00am	20%
Final Exam	Dec 12, 12:00pm-3:00pm	50%

No make-up tests will be given:

If you need to miss a test, you *must* inform the professor in writing in advance and provide a legitimate reason with documentation (e.g. a health certificate) following as soon as possible. If a test is missed for a legitimate documented reason, the weighting of the final exam will be increased by the weighting of the test missed. Whether such reasons are legitimate will be determined by the professor. There are no supplemental examination privileges for this course. If a student with less than a 50% course average misses the final exam, s/he will be given an aegrotat grade [the course average prior to the final exam], regardless of the reasons for the missed final exam.

Writing three or more exams on the same day: A student scheduled to write three final exams in one calendar day may apply to have one exam rescheduled on an alternate examination day. The determination of which exam shall be rescheduled and the date of the alternate exam (may be the last possible day of the examination period) shall be made by the Vice-Provost, Students and Registrar. Please download the appropriate form from <http://www.uwindsor.ca/registrar> and submit to the Office of the Registrar.

Exam Conflicts due to Observance of Religious Holidays: Students who are unable to write the final exam during the scheduled time slot because of a conflict with religious conviction must apply for an alternative exam. The Office of Registrar will schedule the alternative exam in another slot within the regular examination period. Please download the appropriate form from <http://www.uwindsor.ca/registrar> and submit to the Office of Registrar. Note: These applications must be submitted by the end of the fourth week of classes.

Some Policy Links:

1. (a) Multiple Final Examinations in One Calendar Day
(b) Click here for form
2. (a) Conflict with Religious Conviction
(b) Click here for form
3. Senate Policy on Medical Notes from Regulated Health Care Professionals
The form is included with the policy (scroll down).
4. Conduct of Exams and Tests
5. Student Code of Conduct (Academic Integrity)

Remarks:

1. **Daily attendance is required and expected.**
2. Last day for registration, change of course and full-refund is September 21, 2016 (Wednesday).
3. Reading week October 8 - 26, 2016(no classes).
4. Thanksgiving day (statutory holiday). No classes. October 10th, 2016 (Monday)
5. Last day to voluntarily withdraw and the last day to receive partial tuition refund is November 16, 2016 (Wednesday).
6. Last regular day of class is December 7, 2016(Wednesday).
7. The Student Evaluation of Teaching will be administered during the last two weeks of classes.
8. The faculty of science has a form that students MUST use if they are ill for a test/midterm/exam.