

**INTRODUCTION TO SETS AND LOGIC
MATH 1190 FALL 2014-2015
COURSE OUTLINE**

(Updated on Nov 30, 2014)

Course Information:

- Name: Introduction to Sets and Logic, MATH 1190, Section B;
- Time and Location: Thursday 7-10 pm, CLH H;
- Tutorial time and Location: Thursday 6-7 pm, CLH E;
- Moodle (a course management system, for announcements and lecture notes):
<http://moodle.yorku.ca/moodle/course/view.php?id=45790>

Textbook:

- Kenneth H. Rosen. *Discrete Mathematics and its Applications, 7th Edition*. McGraw-Hill, 2011.
- Online resources provided by the publisher of the textbook:
<http://connect.mheducation.com/class/1-shen-fall-2014>

Contact Information:

- Instructor: Lili Shen
- Email: shenlili@yorku.ca
- Office: N605 Ross
- Office hours: 9 am to 11 am on Monday and Tuesday, or by appointments.

Teaching Assistants:

- Alessandro Vignati (tutor and marker): ale.vignati@gmail.com
- Damjan Kalajdzievski (marker): damjank7354@gmail.com

Grading:

- Homework: 20%
- Quizzes: 30%
- Final exam: 50%

Syllabus:

- Chapter 1: 1.1, 1.3-1.7;
- Chapter 2: 2.1-2.5;
- Chapter 4: 4.1, 4.3, 4.4;
- Chapter 5: 5.1, 5.2;
- Chapter 9: 9.1, 9.5, 9.6.

Homework:

- Recommended exercises are listed at the end of each lecture note.
- The TA will collect/distribute the homework during the tutorial hour every week. You may scan your homework and email to the TA if you miss the tutorial hour.

Quizzes and final exam schedule:

- Quiz 1: Oct 16, 9-10 pm in class.
- Quiz 2: Nov 20, 9-10 pm in class.
- Final exam: Saturday, Dec 13, 7-10 pm at TM East.

Lecture notes:

There are two options to download or print the lecture notes:

- Moodle:
<http://moodle.yorku.ca/moodle/course/view.php?id=45790>
- My personal website:
<http://math.mickeylili.com/2014/09/lecture-notes-on-introduction-to-sets-and-logic-2014.html>

Missed quizzes:

The time of the quizzes will be announced at least two weeks in advance. There will be no makeup quizzes. Upon the presentation of a valid excuse the portion of the grade will be added to the final exam:

- Quizzes missed due to medical circumstances must be supported by a physician's statement.
- Quizzes missed due to non-medical circumstances must be supported by appropriate documentation. For example, an airline ticket for an emergency travel, with a letter of explanation for the necessity of the travel.