

**FUNDAMENTALS OF MATHEMATICS  
MATH 1510 A FULL YEAR 2015-2016  
COURSE OUTLINE**

(Updated on September 1, 2015)

**Course Information:**

- Name: Fundamentals of Mathematics, MATH 1510, Section A;
- Time and location: Monday 12:30-13:30 CB 121, Wednesday and Friday 12:30-13:30 LSB 106;
- Textbook: James Stewart, Lothar Redlin, Saleem Watson. *Precalculus: Mathematics for Calculus, 7th Edition*. Cengage Learning, 2015;
- Moodle (for course information, announcements and lecture notes):  
<http://moodle.yorku.ca/moodle/course/view.php?id=55333>

**Contact Information:**

- Instructor: Lili Shen
- Email: [shenlili@yorku.ca](mailto:shenlili@yorku.ca)
- Office: N605 Ross
- Office hours: 2-5 pm on Monday, or by email appointment.

**Tutorial Help:**

- The Math/Stats Lab located in S525 Ross is staffed with TAs who provide tutorial help for most of the introductory courses in mathematics, including MATH 1510. Every student may go there for help with problems in our course.

**Syllabus:**

- Chapter 1: 1.1-1.10;
- Chapter 2: 2.1, 2.2, 2.6-2.8;
- Chapter 3: 3.1-3.3, 3.6, 3.7;
- Chapter 10: 10.1, 10.2, 10.8, 10.9;
- Chapter 4: 4.1-4.6;
- Chapter 12: 12.1-12.6;
- Chapter 6: 6.1-6.3.

**Lecture Notes:**

- Moodle (recommended):  
<http://moodle.yorku.ca/moodle/course/view.php?id=55333>
- My personal website (backup — in case you cannot access Moodle):  
<http://math.mickeylili.com/2015/09/lecture-notes-on-fundamentals-of-mathematics-2015-2016.html>

**Grading:**

- Your marks will be calculated under both the following options and the higher one will be your final grade:

	Option 1	Option 2
Weekly Assignments	20%	0%
Tests	40%	40%
Final Exam	40%	60%

**Weekly Assignments:**

- There are weekly assignments using WebAssign: <http://www.webassign.net/>
- Please enter the class key  
yorku.ca 4408 6532  
to enroll in our class at WebAssign.
- There are several options to purchase WebAssign access:  
[http://www.webassign.net/manual/student\\_guide/c\\_s\\_purchasing\\_access\\_ebooks.htm](http://www.webassign.net/manual/student_guide/c_s_purchasing_access_ebooks.htm)
- You will get the portion of weekly assignments in your grade (through Option 1) as long as you finish all the assignments in time and the statistics show that you have tried your best. Please finish the exercises by yourself and do not worry about making mistakes, which will not affect your grade.
- You may choose not to pay for WebAssign and your grade will be calculated under Option 2 in this case.

**Tests and Final Exam:**

- All tests and the final exam must be written in ink (not pencil).
- Books and electronic devices (including but not limited to calculators, computers and communication devices) are not allowed in tests or the final exam.
- Photo ID and signing-in are required at all tests and the final exam.
- Test 1: October 5, 2015, 12:30-13:30 in class.
- Test 2: November 2, 2015, 12:30-13:30 in class.
- Test 3: December 7, 2015, 12:30-13:30 in class.
- Test 4: February 1, 2016, 12:30-13:30 in class.
- Test 5: March 7, 2016, 12:30-13:30 in class.
- Final exam: TBA.

**Missed Tests and Deferred Final Exam:**

- There will be no makeup tests.
- Upon the presentation of a valid excuse (e.g., the physician's statement for medical reason, the airline ticket for an emergency travel along with a letter of explanation for the necessity of this travel), the mark of a missed test may be filled by the mark of your final exam. The same requirement applies for a possible deferred standing of the final exam.
- A deferred final exam will be more difficult than the original one as a compensation for the extra days of preparation.