

**MATH-014\* Winter 2007**

**Instructor for Part 1:** Marilyn Reece Myers  
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**Course homepage:** <http://www.mast.queensu.ca/~math014/>

**Department phone:** 613-533-2390

**Texts:** *Excursions in Modern Mathematics* by Tannenbaum (6<sup>th</sup> or 5<sup>th</sup> edition)  
*Flatland* by Abbot

**Course Description:** Part 1 is a course on mathematics in nature, art, and literature, and Part 2 is an introduction to statistics in everyday life.

*From the course calendar:*

*Topics in mathematics, emphasizing patterns, problem solving, applications. Connections between contemporary mathematics and society. Emphasis on geometry, mathematical models of growth and change. Of interest to prospective teachers.*

*NOTE Does not prepare student for other courses in mathematics or statistics. May not be used as part of any concentration in Mathematics or Statistics.*

*PREREQUISITE Ontario Grade 10 Mathematics or equivalent.*

*EXCLUSIONS Not open to students with 2.0 credits or more in university mathematics or statistics courses numbered 100 or above, or to students enrolled in the B.Com. program.*

**For help:** Note: there is no tutorial for this class. We will be happy to help you after the lecture or to meet with you by appointment. Also, the Math Help Centre in Jeffery 201 is a great resource – you don't need an appointment, you just drop in and ask your questions. The Math Help Centre hours are available online at <http://www.mast.queensu.ca/help/index.php>

<b>Marking Scheme:</b>	In-class work	5%
	Flatland quiz (January 30)	5%
	Statistics Project (due April 5)	5%
	Homework assignments	15%
	Test #1 (February 13)	35%
	Test #2 (April 3)	35%

**In-class work:** Each lecture will have in-class work, usually one or two problems on the lecture material that will be handed in during that lecture period. These are not quizzes, and you are

encouraged to discuss the work with your classmates. In-class work must be done during class time, and other arrangements will not be made; however, you may miss one in-class work without penalty.

**Weekly Homework:** The weekly assignments will be announced in each lecture and posted on the class website. You may hand in your completed assignment at the next class, or the following day at the math department office (Jeffery 310). Assignments should be stapled and clearly labeled with your full name and the class number. You may miss one assignment without penalty.