

**MAT 375-001**  
**Introduction to Abstract Mathematics**  
**Spring 2014**

**Instructor:** Professor Jeffrey Meyer, 206F Carnegie  
443-1479 or 443-1473  
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**Office Hours:** TTh 12:45 – 1:30 pm, W 10:00 – 11:30 am, and by  
appointment.

**Text:** *Passage to Abstract Mathematics*, by Mark E. Watkins and Jeffrey L. Meyer, Addison-Wesley.

**About This Course:** Besides learning some new mathematics that will turn out to be relevant in later classes, the main goal of this course is that the student should learn how to write and read proofs. We cover at least some parts of each chapter in the text. Therefore notes from the lecture will be at least as important as the text. *For this reason it will be hard to catch up if you miss class. You will need to get notes from another student – I will not provide notes for lectures that are missed.* There may be additional topics presented by the instructor. The emphasis of the course is mastery of the material and methods rather than covering a specific list of topics. Thus there is no set daily schedule for the course. We will proceed at the necessary pace to master the essential ideas. The work you do for the course will include solving problems with applications from the material and writing proofs of claims.

**Prerequisite:** MAT 295 or permission of instructor.

**Grading:** Your grade will be based on the following.

Two one-hour exams	20% each
Final exam	25%
(Nearly) Weekly Quizzes	25%
Homework	10%

**Exam Dates:** Tentative schedule:

Exam 1	Thursday, February 20, 2014;
Exam 2	Thursday, April 17, 2014;
Final Exam	Wednesday, May 7, 2014, 8:00 - 10:00 am.

*There will be no make-up exams or quizzes. As per departmental policy any exam missed will be made up with the relevant portion of the final exam. I will drop at least one of the lowest quiz scores.*

**Students with Disabilities:** If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first test.

**Academic Integrity:** The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see <http://academicintegrity.syr.edu> .