

Syllabus MAT 375 (Section 001) Spring Semester 2019

Contact Information:

- Terry McConnell
- 317 F Carnegie
- 315-443-1499
- trmcconn@syr.edu

Office Hours:

MW 10:45-11:30

Class:

MW 2:15-3:35 100 Carnegie

Textbook:

M. WATKINS and J. MEYER, *Passage to Abstract Mathematics*, Addison-Wesley, Boston, 2012 ISBN-13: 978-0-321-73863-9

Prerequisites:

MAT 295

Course Description:

Principles of symbolic logic, set theory, basic function theory, relations, and cardinality. Emphasis on developing proof-writing skills, including mathematical induction. Credit cannot be given for both MAT 375 and CIS 275.

Course Objectives:

Besides learning some new mathematics that will be relevant in later classes, the main goal of this course is to learn how to write and read proofs. We cover at least some parts of Chapters 1 - 7 in the text. There may be additional topics as time permits.

Tests:

There will be two in-class examinations and one final examination during the semester. There will be absolutely no make-ups for any reason. If you miss a test for a valid reason, the final exam grade will count correspondingly more. The examinations are tentatively scheduled as follows:

- Test 1, Wednesday, February 13
- Test 2, Wednesday, March 27
- Final (see below)

Grading:

Each of the in-class tests will count 25% towards the course grade. The final exam will count 30%, and weekly graded homework assignments and/or quizzes will count the remaining

20%. The resulting weighted course average percentage then determines your letter grade according to the following table:

| Course Average | Letter Grade | Course Average | Letter Grade |
|----------------|--------------|----------------|--------------|
| 93-100 | A | 77-79 | C+ |
| 90-92 | A- | 73-76 | C |
| 87-89 | B+ | 70-72 | C- |
| 83-86 | B | 60-69 | D |
| 80-82 | B- | 0-59 | F |

Final Exam:

Thursday, May 2, 12:45-2:45pm (Location TBA)

STUDENTS MUST TAKE THE FINAL EXAM AT THE LISTED TIME. DO NOT PLAN TO LEAVE CAMPUS BEFORE 12:45 PM ON THURSDAY, MAY 2, 2018. THERE ARE NO PROVISIONS FOR TAKING THE FINAL EXAM AT ANY OTHER TIME!

Students with Disabilities:

If you believe that you need academic adjustments (accommodations) for a disability, please contact the [Office of Disability Services \(ODS\)](#), located in Room 309 of 804 University Avenue, or call (315) 443-4498 or TDD: (315) 443-1371 for an appointment to discuss your needs and the process for requesting academic adjustments. ODS is responsible for coordinating disability-related academic adjustments and will issue students with documented Disabilities Accommodation Authorization Letters, as appropriate. Since academic adjustments may require early planning and generally are not provided retroactively, please contact ODS as soon as possible.

Academic Integrity:

Syracuse University's Academic Integrity Policy reflects the high value that we, as a university community, place on honesty in academic work. The policy defines our expectations for academic honesty and holds students accountable for the integrity of all work they submit. Students should understand that it is their responsibility to learn about course-specific expectations, as well as about university-wide academic integrity expectations. The policy governs appropriate citation and use of sources, the integrity of work submitted in exams and assignments, and the veracity of signatures on attendance sheets and other verification of participation in class activities. The policy also prohibits students from submitting the same work in more than one class without receiving written authorization in advance from both instructors. Under the policy, students found in violation are subject to grade sanctions determined by the course instructor and non-grade sanctions determined by the School or College where the course is offered as described in the Violation and Sanction Classification Rubric. SU students are required to read an online summary of the University's academic integrity expectations and provide an electronic signature agreeing to abide by them twice a year during pre-term check-in

on MySlice. The Violation and Sanction Classification Rubric establishes recommended guidelines for the determination of grade penalties by faculty and instructors, while also giving them discretion to select the grade penalty they believe most suitable, including course failure, regardless of violation level. Any established violation in this course may result in course failure regardless of violation level. For more information and the complete policy, see [policy](#).

Religious observances policy:

Syracuse University's Religious Observances Policy recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holy days according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors no later than the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services -> Enrollment -> My Religious Observances) from the first day of class until the end of the second week of class