

MAT 631 Introduction to Algebra I Fall 2017. Page 1

Instructor: Steven Diaz Carnegie 317C, office phone 1583, email spdiaz@syr.edu.

Office Hours: Tuesday 11:15-12:00 noon, Wednesday 2:00-3:00 pm, Thursday 2:15-3:00 pm or by appointment.

Learning Outcomes: The main goal of this course is to help you learn algebra you need to know to pass the Ph.D. preliminary exam in algebra. This course does not cover everything you need to know as the exam also covers material in MAT 632.

Text: Algebra by Michael Artin, Second Edition, Pearson, New York 2018.

Test dates: Tuesday, September 26, Thursday, October 26, Thursday, November 30. These tests will be during the regular class period.

Homework: Homework will be assigned during class. It will be due at the beginning of class the Thursday after it is assigned. It will be graded and will count toward the grade for the course. Students are allowed to collaborate on the homework, but each student must hand in her or his own separate assignments. Collaboration includes working on the problem together or giving hints to other students after you have solved it yourself. It does not include letting someone else simply copy your solution.

Final exam: Wednesday, December 13, 2017, 5:15 – 7:15 pm. It will be a comprehensive final exam.

Calculation of course grade: 3 tests during the term 20% each, homework 15%, final exam 25%.

The plan is to cover chapters 2, 3, 4 (sections 1-6), 6 (sections 7-10), 7 (sections 1-3, 6-8), 8 (sections 1-6).

All exams will be closed book, books, notes and calculators will not be allowed. Collaboration will not be allowed.

Students with Disabilities: If you believe that you need academic adjustments (accommodations) for a disability, please contact the Office of Disability Services (ODS), visit the ODS website– <http://disabilityservices.syr.edu>, 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.

Note that in this course the grade penalty of course failure may be given even for a level one offence.

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 <http://class.syr.edu/academic-integrity/policy/>

MAT 631 Introduction to Algebra I Fall 2017. Page 3

Religious observances policy. SU 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 holidays 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 before 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.