

MAT 531-M001, Fall 2017

TuTh 12:30PM – 1:50PM, Carnegie 114

Instructor: Mark Kleiner, Carnegie 317B, 443-1497, email: mkleiner@syr.edu

Office Hours: Tu 3:00 – 3:50PM; Th 10:00 – 10:50AM; and by appointment.

Textbook: *Linear Algebra*, by Harvey E. Rose, Birkhauser Verlag. We will cover parts of Chapters 1 - 4. This includes permutation groups, vector spaces and linear maps, matrices, determinants and linear equations, eigenvalues and eigenvectors.

Prerequisites: ((MAT 375 or CIS 375) and MAT 331) or graduate standing in mathematical sciences. The course is primarily for mathematics majors.

Grades:

Homework. There will be weekly assigned sets of problems (30%).

Midterm exams. Exams 1 and 2 (20% each).

Final exam. December 13, Wednesday, 5:15 – 7:15PM, Carnegie 114 (30%).

Attendance: Attendance is required. Students are responsible for all the announcements made in class (about assignments, due dates, etc.). If you miss a class, you are responsible for obtaining notes for that class from a student who attended.

Make-ups: No make-up examinations will be given. If you expect to miss an examination for a legitimate reason, discuss this, in advance, with your instructor, who may then substitute the relevant score from your final examination for the missing exam. Late homework will not be accepted.

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. Related link: <http://disabilityservices.syr.edu/faculty-staff/syllabus-statement/>

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. Students have access to an

online notification form through MySlice that they can use to notify their instructors.
Related link: http://supolicies.syr.edu/studs/religious_observance.htm

Academic Integrity: Syracuse University's 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 course-specific expectations, as well as about University policy. The University 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 written work in more than one class without receiving written authorization in advance from both instructors. The presumptive penalty for a first offense by an undergraduate student is course failure, accompanied by a transcript notation indicating that the failure resulted from a violation of Academic Integrity Policy. The standard sanction for a first offense by a graduate student is suspension or expulsion. For more information and the complete policy, see <http://academicintegrity.syr.edu>. Related links:
The Academic Integrity Policy: <http://academicintegrity.syr.edu/academic-integrity-policy/>
Twenty Questions and Answers about the Academic Integrity Policy: <http://academicintegrity.syr.edu/faculty-resources/>
What does academic integrity mean?: <http://academicintegrity.syr.edu/what-does-academic-integrity-mean/>