

Applied Linear Algebra Laboratory Math344L

University of South Carolina

Department of Mathematics

Fall 2024

Course Information

Instructor: Theodoros Anastasiadis

Course: MATH 344L

Email: anastast@email.sc.edu

Office Hours: Friday 1-2pm at LC404 and Thursday (3 hours tba) at LC102

Credits: 1

Office Location: LeConte College 404

Meeting Information

Location	Day	Section	Time
LeConte College 123	Friday	001	9:40 am - 10:30 am
		002	10:50 am - 11:40 am
		003	12:00 pm - 12:50 pm

Course Description and Objectives

Overview: The weekly lab meetings are designed with two purposes in mind: (i) to provide hands-on activities that will further your understanding of applied linear algebra, and (ii) to provide an introduction to the use of modern computer software, MATLAB.

Learning Outcomes: Students will gain the foundational skills necessary for working in MATLAB and use these skills for solving basic problems in applied linear algebra.

Required Materials

Textbook: There is no textbook for the laboratory. All lab handouts will be posted on Blackboard.

Software: In order to complete the assignments for this course you will need access to MATLAB. The instructions for downloading MATLAB will be posted on Blackboard.

Course Policies and Expectations

Attendance: As discussed in the UofSC Attendance Policy, “For traditional lecture-based, face-to-face classes, the minimum percentage of unexcused absences allowed must be at least 5 percent of total class meeting time.” You are allowed *three unexcused absences* for the semester. Each unexcused absence beyond that will result in a 5% deduction to your grade. In order for an absence to be excused, you must provide adequate documentation.

Participation: Participation is critical for the learning environment of this classroom. Students are expected to attend every class meeting. Students will be expected to contribute to meaningful discussion during the laboratory.

Cell Phones: Cell phones are *not* permitted. Keep your phone on silent and stowed away.

Academic Integrity: Any kind of cheating (don't cooperate with your classmates on homeworks!) will not be tolerated and will result in an F grade in class. Violations will be reported to the appropriate university office. Students should review the Honor Code at <http://www.sc.edu/policies/ppm/staf625.pdf>.

Students with Disabilities: The Student Disability Resource Center's purpose is to provide all students access to a fair and effective learning environment. If you require any accommodations, register with the SDRC. Once I receive notification, I will work with you to ensure that you have every opportunity to succeed. For more information visit: [Student Disability Resource Center](#).

Assignments

Homework: Homework assignments will be posted on Blackboard on Thursday. Every assignment is due on the following Thursday (one week after it was assigned) at 5 pm.

Project: A small individual project will be assigned during the second half of the semester.

Late Policy: Assignments will be accepted up to 48 hours late and will receive a 25% deduction. After 48 hours the assignments won't be accepted.

Evaluation

Type	Weight
Homework	85%
Project	15%
Total	100%

Grade	Percentage
A	[90-100]
B+	[85-90)
B	[80-85)
C+	[75-80)
C	[70-75)
D+	[65-70)
D	[60-65)
F	[0-60)

Support

Office Hours: Past students have found office hours greatly beneficial. Feel free to drop by often; the earlier in the semester the better.

Math Tutoring Center: Provides graduate student tutors who are willing and able to help students better understand mathematical concepts. For more information visit: [Math Tutoring Center](#).

Student Success Center: Your success in this course is important. That is why the instructor has partnered with the Student Success Center (SSC) to assist you in better understanding course material and to aid you on your path to success. Resources available to students in this course include: *Peer Tutoring*, *Supplemental Instruction (SI)*, and *Peer Success Consultations*. Your instructor may communicate with the SSC regarding your progress throughout the semester. If contacted by the SSC, please schedule a Success Consultation immediately as this indicates your instructor is concerned about your progress in this course. Referrals are not punitive, and any information shared by your professor is confidential and subject to FERPA regulations. SSC services are offered to all UofSC undergraduates at no additional cost. Please call (803) 777-1000, visit our website ([Student Success Center](#)), or come to the SSC in the Thomas Cooper Library (Mezzanine Level) to check schedules and make appointments.

Syllabus is tentative and subject to change.