

## Welcome to Math 117, Advanced Linear Algebra, Summer 2020

**Class Times:** M, W, F, 1:00pm - 3:30pm via Zoom invitation. It is recommended to join the live Zoom meetings.

**Instructor:**

Yiyi Zhu; yzhu51@ucsc.edu; Office hours: 9am-11am, Tuesday.

**Teaching Assistants:** Wen Zheng; wzheng14@ucsc.edu. Office hours: 6:30pm-8:30pm, Thursday.

**Sections:** Thursday 10:30am-11:30am, Thursday 3:00pm-4:00pm.

**Textbook:** Sheldon Axler: Linear Algebra Done Right, 3rd edition. A digital version of this textbook can be downloaded from the UCSC Library page. From off-campus you will need VPN (go to <https://its.ucsc.edu/vpn/> to install the "Campus VPN" if you don't have it yet) to be able to download the book.

**Format of Class:** You will have obtain a Zoom invitation to join the class during the scheduled times. Please read the sections from the textbook before the class. Sections will be held via Zoom at the scheduled times and you'll obtain a Zoom invitation for the section you signed up for. They are not mandatory but highly recommended. Homework solutions will have to be photographed or scanned, transformed into pdf format, and uploaded on CANVAS. You can for instance use a scan app from your cell phone.

**Exams:** Midterm July 10 during class time. Final exam July 24 during class time. Both exams are taken at home, we are not using ProctorU, your answers are uploaded as pdf file (pictures or scans of your work).

**Passing Criteria:** Your total score is computed from homework (weighted 10%), midterm (weighted 30%) and final exam (weighted 60%). If your total score is 50% or higher you pass the class. Passing grades (A+ through C) are distributed evenly between 50% and 100% total scores.

**Tentative Schedule:**

M June 22: 1.A, 1B, 1C

W June 24: 2.A, 2.B, 2.C

F June 26: 3.A, 3.B

M June 29: 3.C, 3D

W July 1: 3.E, 3.F

F July 3: 4, 5.A

M July 6: 5.B, 5.C

W July 8: 6.A, 6.B

F July 10: 6.C, Midterm  
M July 13: 7.A, 7.B  
W July 15: 7.C, 7.D  
F July 17: 8.A, 8.B  
M July 20: 8.C, 8.D  
W July 22: 9.A, 9.B  
F July 24: Final

**Homework:** Problems will be due Sundays at 11:59pm and need to be uploaded as PDF files. See the assignment tab. Due to the limited hours Teaching Assistants are paid, only some of the problems will be graded. It is not disclosed before submission which of the problems are graded.

### **Important Summer Session Remote 2020 Deadlines:**

Session 1:

Drop: Monday, June 29

Request for "W": Friday, July 10

Session 2:

Drop: Monday, August 3

Request for "W": Friday, August 14

8-Week:

Drop: Monday, July 6

Request for "W": Friday, July 24

10-Week:

Drop: Monday, July 6

Request for "W": Friday, July 24

Summer is unique. **You will not be dropped for non-attendance or non-payment.** You must drop yourself. Dropping before the deadline results in a full-tuition reversal/refund. Withdraw posts a W for the grade and full tuition is charged (no refund).

For all dates and deadlines, including 'change of grade option' (P/NP) and grades due, here is the summer academic calendar: <https://summer.ucsc.edu/studentlife/index.html> [Links to an external site.](#)

For questions about dropping, requesting a W grade for a course, or withdrawing from the summer quarter, email [summer@ucsc.edu](mailto:summer@ucsc.edu).

### **DRC Remote Accommodations:**

The Disability Resources Center reduces barriers to inclusion and full participation for students with disabilities by providing support to individually determine reasonable academic accommodations. Operations continue via remote appointments. If you have questions or concerns about exam accommodations or any other disability-related matter, email the DRC Schedulers at [drc@ucsc.edu](mailto:drc@ucsc.edu) for an appointment.

### **Small Group Tutoring**

Small Group Tutoring (SGT) supports students academically to advance educational equity by designing inclusive learning environments outside of the classroom. In SGT, you can expect the Tutor to facilitate cooperative group activities designed to have students work together on the course content and develop study skills for the course. SGT is offered at least three times each week for the entire quarter. The Tutor is an undergraduate student who took the class, did well, and is trained to facilitate group sessions to focus on students' needs to succeed in the course. SGT is open to all students enrolled in the class and they must sign up on our online system: TutorTrac. When students sign up for SGT, they are committing to attend every week. For Summer 2020, students can begin signing up for tutoring on **Monday, June 22rd** and tutoring will begin **Wednesday, June 24th**. Students only have to sign up once for tutoring and their appointments will repeat weekly. Sign-ups will close on **Friday, August 14th** for all Summer Session Sign-Ups. This means that after **August 14th**, no new students can sign up for tutoring.

Want SGT to be successful for you? Bring your books, lecture notes, questions, and be open to working collaboratively with your peers. You can sign up using this link: <https://ucsc.go-redrock.com/tracweb40/NoAccess.4sp?errText=insufficient%20credentials%20to%20view%20content> ([Links to an external site.](#))

You can also find the link on our website: <https://lss.ucsc.edu/index.html> [Links to an external site.](#)

## **Academic Dishonesty**

Academic integrity is the cornerstone of a university education. Academic dishonesty diminishes the university as an institution and all members of the university community. It tarnishes the value of a UCSC degree. All members of the UCSC community have an explicit responsibility to foster an environment of trust, honesty, fairness, respect, and responsibility. All members of the university community are expected to present as their original work only that which is truly their own. All members of the community are expected to report observed instances of cheating, plagiarism, and other forms of academic dishonesty in order to ensure that the integrity of scholarship is valued and preserved at UCSC.

In the event a student is found in violation of the UCSC Academic Integrity policy, he or she may face both academic sanctions imposed by the instructor of record and disciplinary sanctions imposed either by the provost of his or her college or the Academic Tribunal convened to hear the case. Violations of the Academic Integrity policy can result in dismissal from the university and a permanent notation on a student's transcript.

For the full policy and disciplinary procedures on academic dishonesty, students and instructors should refer to the [Academic Integrity page](#) [Links to an external site.](#) at the Division of Undergraduate Education.

### **Title IX:**

The university cherishes the free and open exchange of ideas and enlargement of knowledge. To maintain this freedom and openness requires objectivity, mutual trust, and confidence; it requires the absence of coercion, intimidation, or exploitation. The principal responsibility for maintaining these conditions must rest upon those members of the university community who exercise most authority and leadership: faculty, managers, and supervisors.

The university has therefore instituted a number of measures designed to protect its community from sex discrimination, sexual harassment, sexual violence, and other related prohibited conduct. [Information about the Title IX Office](#) [Links to an external site.](#), the [online reporting link](#) [\(Links to an external site.\)](#), applicable campus [resources](#) [Links to an external site.](#), reporting responsibilities, the [UC Policy on Sexual Violence and Sexual Harassment](#) [\(Links to an external site.\)](#), and the UC Santa Cruz Procedures for Reporting and Responding to Reports of Sexual Violence and Sexual Harassment can be found at [titleix.ucsc.edu](http://titleix.ucsc.edu) [Links to an external site.](#)

The Title IX/Sexual Harassment Office is located at 105 Kerr Hall. In addition to the [online reporting option \(Links to an external site.\)](#), you can contact the Title IX Office by calling 831-459-2462.