Math 3A Syllabus

January 1, 2019

1 Logistics

Code:	44595
Instructor:	Travis Scholl (schollt@uci.edu)
TA:	Yutong Sha (ysha3@uci.edu)
Lecture:	MWF 5:00-5:50 MSTB 122
Discussion:	TuTh 5:00-5:50 MSTB 122
Office Hours (Travis):	MW 4:00-5:00 RH 540N or by appointment
Office Hours (TA):	MW 10:00-11:00 or by appointment

2 Book

The book is *Linear Algebra and Its Applications, 5th edition, by David Lay.* Earlier editions are probably fine as well.

3 Webpage

The course webpage is

        https://www.math.uci.edu/~schollt/3a_winter_2019/

Please check the webpage regularly.

Grading

Raw grades will be computed as follows:

Homework	5%
Quizzes	15%
Midterms	40%
Final	40%

After evaluating the class performance over the entire quarter, the final grade may be adjusted accordingly. The lowest homework and quiz will be dropped.

Homework

Homework will be collected according to the calendar and graded for completion.

Week 1: (1.1-1.2) 1.1.3, 1.1.5, 1.1.23, 1.1.24, 1.1.27, 1.1.28, 1.2.3, 1.2.15, 1.2.16, 1.2.21, 1.2.22, 1.2.30

Week 2: (1.3-1.5) 1.3.7, 1.3.8, 1.3.13, 1.3.23, 1.3.24, 1.3.27, 1.4.9, 1.4.11, 1.4.23, 1.4.24, 1.4.31, 1.4.32, 1.5.7, 1.5.13, 1.5.23, 1.5.24, 1.5.26

Week 3: (1.7-1.8) 1.7.7, 1.7.9, 1.7.16, 1.7.21, 1.7.22, 1.7.27, 1.7.28, 1.7.31, 1.7.33, 1.8.3, 1.8.7, 1.8.11, 1.8.21, 1.8.22, 1.8.27, 1.8.29

Week 4: (1.9-2.1) 1.9.11, 1.9.13, 1.9.19, 1.19.23, 1.19.24, 1.9.29, 1.9.35, 2.1.1, 2.1.7, 2.1.9, 2.1.11, 2.1.15, 2.1.16, 2.1.19, 2.1.31

Week 5: (2.2-2.8) 2.2.7, 2.2.8, 2.2.9, 2.2.10, 2.2.15, 2.2.25, 2.3.2, 2.3.9, 2.3.11, 2.3.12, 2.3.16, 2.3.22, 2.3.28, 2.3.31, 2.8.1-4, 2.8.11, 2.8.17, 2.8.19, 2.8.21, 2.8.22, 2.8.31

Week 6: (2.9-3.1) 2.9.5, 2.9.7, 2.9.8, 2.9.9, 2.9.17, 2.9.18, 2.0.20, 2.9.25, 3.1.9, 3.1.14, 3.1.19, 3.1.37, 3.1.39, 3.1.40

Week 7: (3.2) 3.2.21, 3.2.24, 3.2.27, 3.2.28, 3.2.33, 3.2.40

Week 8: (5.1-5.2) 5.1.9, 5.1.10, 5.1.19, 5.1.21, 5.1.22, 5.1.31, 5.1.32, 5.2.1. 5.2.10, 5.2.19, 5.2.20, 5.2.21, 5.2.22

Week 9: (5.3-5.4) 5.3.1, 5.3.3, 5.3.11, 5.3.21, 5.3.22, 5.3.23, 5.3.24, 5.3.31, 5.3.32, 5.4.4, 5.4.6, 5.4.7, 5.4.18

Week 10: (5.5-6.2) 5.5.1, 5.5.3, 5.5.10, 5.5.13, 5.5.23, 5.5.24, 6.1.7, 6.1.13, 6.1.15, 6.1.19, 6.1.20, 6.1.22, 6.1.27, 6.2.7, 6.2.13, 6.2.23, 6.2.24

Quizzes

Quizzes will be given according to the calendar will be graded. You may not use a calculator, book, or any notes for the quizzes.

Exams

The midterms will be taken during the usual lecture times, see the calendar for details. Please see the registrar webpage for the date/time of the final. You will be allowed both sides of a single hand written standard 8.5×11 size paper. You will not be allowed a calculator. You must bring your student ID to the exams to verify your identity. The same rules apply for the final as well.

Make-ups

No makeup exams or quizzes will be offered. If you miss a midterm, the final exam will be weighted more. If you miss the final, you will receive an incomplete.

Disability Accommodations

Students who may need disability-related accommodations should talk to me as soon as possible

Cheating

Don't. Following the UCI academic integrity policy is a requirement to pass this class. Please see this website for more information on that policy: `https://aisc.uci.edu/`.

Resources

1. UCI math courses: `http://catalogue.uci.edu/schoolofphysicalsciences/departmentofmathematics/#courseinventory`

2. UCI undergraduate research in math: `https://www.math.uci.edu/math-majors/math-undergraduate-research-resources`

3. UCI counseling center: `https://counseling.uci.edu/`

4. 3Blue1Brown YouTube channel: `https://www.youtube.com/channel/UCYO_jab_esuFRV4b17AJtAw`

5. Physical Science Student Affairs Counselors: RH 134

6. Private Tutors: `https://www.math.uci.edu/undergrad-courses/tutoring-private`