

Information Math 3A; Fall 2018 Section D:

Lecture: MWF 2-2.50 in HH 178.

Instructor: Knut Sølna, office Rowland Hall 540G. Office hour: Mon-Wed 3-4 pm or by appointment. Please email or text if you plan to come by.

TA: Kathryn Dover. Office hour: Mon-Wed 11-1.

Book: Linear Algebra and Its Applications, 5th Edition, Lay et al.

Home works and Exams:

- There will be one midterm and one final exam.
- Two graded homeworks.
- About 8 Quizzes in the session on Thursday.

→ The lowest quiz score will be dropped. There will be no make-up quizzes, homeworks or exams.

Grading as: Midterm 30%; Final: 40%; Quizzes 20%; Homeworks 10%.

In addition **DO AS MANY PROBLEM AS POSSIBLE**, not only the assigned and recommended problems, **MATH IS A PARTICIPATING SPORT YOU NEED TO SOLVE PROBLEMS YOURSELF !!!** The supplementary exercises at the end of each chapter problems are in particular useful.

Messaging: You are responsible for the content of all course emails sent to your UCI account. These course emails could contain urgent information regarding new facts for a lecture or change of dates in the schedule. Once sent these become part of our contract of expectations.

Honesty: I strongly adhere to the University's Academic Honesty policy, and cheating will NOT be tolerated. A student caught cheating will likely receive an F for the course and/or suffer other serious disciplinary action.

Cell: **TURN OFF AND PUT AWAY YOUR CELL PHONE IN CLASS AND IN SESSION.**

Minimum recommended problems (do as many as possible):

Section 1.1: 2, 4, 8, 10, 14, 20, 22, 28, 32, optional: 33

Section 1.2: 2, 4, 6, 10, 14, 18, 29, 30

Section 1.3: 2, 6, 12, 14, 16, 17, 26, 27
Section 1.4: 2,6,11,13,18,23,25,31,34,36
Section 1.5: 2,6,10,15,18,21,23,25,38
Section 1.6: 3,7,11,12
Section 1.7: 3,8,10,11,17,20,22,25,31,36
Section 2.1: 2, 8, 12, 16, 22, 26, 27, 29
Section 2.2: 3, 6, 8, 10, 14, 21, 27, 28, 32
Section 2.3: 6, 12, 14, 15, 20, 29, 33
Section 2.6: 4, 5 , 8, 11
Section 2.8: 1, 4, 7, 11, 15, 22, 26, 30
Section 2.9: 3, 7, 10, 15, 21, 25, 28
Section 3.1: 3, 9, 19, 21, 31, 32, 33, 41
Section 3.2: 4, 6, 20, 22, 25, 29, 31, 40
Section 5.1: 8, 12, 14,16, 18, 19, 22, 25, 27
Section 5.2: 8, 10, 16, 18, 20, 22, 24
Section 5.3: 6, 12, 20, 22, 24, 29, 30,
Section 5.5: 4, 10, 18, 22, 23, 24, 26
Section 5.6: 2, 4, 6, 8, 14, 15
Section 6.1: 6, 8, 12, 14, 18, 20, 22, 24, 26, 28, 30, 31