

Math 314, Matrix Theory, Course Syllabus, Spring 2014

The following table shows the material expected to be covered and the corresponding tentative problem assignments for each week of the semester. Note that what is shown here is approximate; please be alert for changes throughout the semester.

Week of	Section	Recommended Exercises
January 13	1.1	1, 3, 5, 7, 9, 10, 11, 14, 15, 17, 18, 19, 20, 23, 24, 25, 27, 31
	1.2	1, 3, 7, 11, 13, 15, 17, 19, 21, 22, 23, 24, 25, 26
	1.3	1–7, 9, 11, 13, 15, 17, 19, 23, 24, 25, 28, 32
January 20	<i>January 20 is Martin Luther King Day</i>	
	1.4	1, 3, 5, 7, 9, 11, 13, 14, 15, 17–24
	1.5	2, 5, 6, 7, 9, 11, 12, 13, 17, 18, 20, 23, 24, 25, 38, 39
	1.6	3(a,b), 7, 15
January 27	1.7	1, 3, 5, 7, 9, 13, 14, 15, 17, 19, 21, 22, 23, 24, 28, 30
	1.8	1, 2, 3, 5, 7, 9, 11, 13–16, 19, 21, 22, 32, 33, 36
February 3	1.9	1, 3, 7, 13, 15, 17, 22–25
	2.1	1, 3, 5, 7–11, 15, 16, 19, 22, 26
	2.2	1, 3, 5, 7, 8, 9, 10, 13, 20, 21, 23, 24, 29, 31, 33
February 10	2.3	1–7(odd), 11, 12, 13, 15, 16, 17, 19, 23, 33, 37
	2.5	3, 5, 9, 11, 19
	catch up and review	
February 17	Midterm Exam 1 is Tuesday, February 18	
	3.1/3.2	pages 167–169: 1–13 (odd), 39, 49; pages 175–177: 1–7, 11, 15, 17, 19, 25, 27, 28
February 24	4.1	1–15, 17, 19, 21, 23, 24, 25, 27
	4.2	1, 2, 3, 5, 7, 11, 12, 15, 17, 19, 20, 21, 25–28, 30, 35
	4.3	1–15 (odd), 19, 21–25, 31, 32
March 3	4.5	1–5, 7–17 (odd), 19, 20, 21, 29, 30, 31
	4.6	1, 3, 4, 5–15 (odd), 17, 18, 19, 21, 25, 27–29
	4.7	1–9 (odd), 11, 12, 13, 15
	<i>Friday, March 7 is the last day to change to P/NP</i>	
March 10	4.9	pages 260–262: 1, 3, 5, 9, 11
	5.1	1–15 (odd), 19, 21, 22, 23, 24, 25, 27, 31, 33
	5.2	1, 3, 7, 9, 11, 13, 17, 21, 22, 23, 24
March 17	5.3	1, 3, 5, 7, 11, 15, 19, 21, 22, 23, 24, 25, 27, 29
	5.4	1, 3, 5, 8, 9, 11, 13, 19, 23, 27
March 24	<i>Spring Break is March 23–30</i>	
March 31	5.6/5.7	pages 309–310: 1, 5, 7; pages 317–318: 1, 5, 7, 9, 11
	Midterm Exam II is Thursday, April 3	
April 7	6.1	1–19 (odd), 20, 25–31
	6.2	1, 5, 9, 11, 13, 15, 17, 23, 24, 27–29
	6.3	1, 5, 7, 11, 13, 15, 21, 22, 23, 24
	<i>Friday, April 11 is the last day to withdraw from one or more courses</i>	
April 14	6.6	1, 3, 7a, 9
	6.4	1, 5, 11, 15, 17, 18, 19, 22
	6.5	1, 3, 5, 7, 11, 15, 17, 18, 19, 21
April 21	6.7	1–7 (odd), 11, 13, 14, 17–20, 21, 25
	7.1	1–19 (odd), 23, 25, 26, 27, 29, 36
	7.2	1–13 (odd), 21, 22, 23, 24
April 28	7.3	1, 3, 5, 9, 11
	7.4	1, 3, 5, 11, 15, 17, 19, 21
The Final Exam is 3:30–5:30pm, Tuesday, May 6		

ACE Outcome 3: This course satisfies ACE Outcome 3. You will apply mathematical reasoning and computations to draw conclusions, solve problems, and learn to check to see if your answer is reasonable. Your instructor will provide examples, you will discuss them in class, and you will practice with numerous homework problems. The exams will test how well you've mastered the material.

Final Exam date and policy: Students are expected to arrange their personal and work schedules to allow them to take the final exam at the scheduled time. Students who have conflicting exam schedules for higher or equal level courses may be allowed to take an alternate final after the regularly scheduled final. No student will be allowed to take the final exam early.

Mathematics Department Grading Policy: Students who believe their academic evaluation has been prejudiced or capricious have recourse for appeals to (in order) the instructor, the department chair, the departmental appeals committee, and the college appeals committee.

Students with Disabilities: Students with disabilities are encouraged to contact the instructor for a confidential discussion of their individual needs for academic accommodation. It is the policy of the University of NebraskaLincoln to provide flexible and individualized accommodation to students with documented disabilities that may affect their ability to fully participate in course activities or to meet course requirements. To receive accommodation services, students must be registered with the Services for Students with Disabilities (SSD) office, 132 Canfield Administration. 472-3787 voice or TTY.

University Illegal Discrimination Policy: Members of the UNL campus community who believe they have been discriminated against have formal and informal options to seek appropriate action. They may seek guidance from the instructor, the departmental chair, the Office for Student Assistance (2-3755), counseling and psychological services (2-7450), and the Office of Equity, Access and Diversity Programs (2-3417).