

Syllabus
Mat 2250, Winter 2007

Instructor: K. Magaard

Office: 1189 FAB

Office hours: Tuesday-Thursday 3:15-4:15 or by appointment.

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Required Text:

1. Fraleigh and Beauregard, Linear Algebra 3rd edition, Addison-Wesley, 1995

Course description: Linear Algebra is one of the most fundamental tools in all of mathematics. Here we will discuss the basic concepts and examples of the subject.

Grading:

Quizzes	10%
Two Midterms	each worth 30%
Final	30%

(A missed exam will count as zero).

Quizzes We will have a 10 minute quiz every Tuesday at the beginning of class, except on Jan. 9, Feb. 6 and Mar. 19.

Prerequisites MAT 2020 This course will be more abstract than what you may have seen in calculus. This will be especially true once we move into chapter 3 and beyond.

Course plan:

1. **Week 1** Sections 1.1–1.4
2. **Week 2** Sections 1.5, 1.6
3. **Week 3** Sections 2.1, 2.2
4. **Week 4** Sections 2.3 and review
5. **Week 5** Midterm I on Tuesday February 6 (50 minutes) then Sections 3.1–3.3
6. **Week 6** Sections 3.3, 3.4, 4.1
7. **Week 7** Sections 4.2, 4.3
8. **Week 8** Sections 5.1, 5.2

9. **Week 9** Review and Midterm II on Thursday March 8.
10. Spring Break
11. **Week 10** Sections 6.1,6.2
12. **Week 11** Section 6.3.
13. **Week 12** Sections 7.1–7.2
14. **Week 13** Sections Applications
15. **Week 14** Applications and Review
16. **April 26** Final exam