Linear Algebra
Math 220
Assignments

Spring Semester, 2008

Assignments are listed by the **date due**. A PDF version of this page is available for printing.

The assignments involve exercises designed to prepare you for the quizzes and the exams. Written solutions for these exercises will not be collected. Feel free to discuss the exercises with other students. If you have trouble doing the exercises, it will likely be reflected in your performance on the quizzes and exams. To avoid poor performance on the quizzes and exams, ask questions in class or seek private help when you have trouble with the exercises.

Slides shown during class are generally available through the online version of this assignment sheet that is found in the course web at

> http://math.albany.edu/pers/hammond/course/mat220/ .

Tue., May. 13:

> **Final Examination:** 10:30 – 12:30

Mon., May. 12:

> **Office Hours:**
>
> > 10:00 – 11:00
> > 2:00 – 4:00

Thu., May. 8:

> **Office Hours:** 2:00 – 4:00

Tue., May. 6:

> **Last class meeting before the final exam;**
> bring your questions.
> Available slides: Firefox or IE+MathPlayer or PDF — review of inner products

Thu., May. 1:

> **Assignment** (reading and exercises)
> (also available as HTML extended by MathML)
> Available slides: Firefox or IE+MathPlayer or PDF

Tue., Apr. 29:

> **Assignment** (reading and exercises)
> (also available as HTML extended by MathML)

Thu., Apr. 24:

> **Assignment** (reading and exercises)
> (also available as HTML extended by MathML)

Tue., Apr. 22:

> **Assignment** (reading and exercises)
> (also available as HTML extended by MathML)

Thu., Apr. 17:

> **Assignment** (reading and exercises)
> (also available as HTML extended by MathML)

Tue., Apr. 15:

    Assignment (reading and exercises)
(also available as HTML extended by MathML)

Thu., Apr. 10:

    Assignment (reading and exercises)
(also available as HTML extended by MathML)

Tue., Apr. 8:

    Expect a **quiz**.
Exercises in Hefferon:

        p. 295: $7 - 9$, $11 - 14$
        p. 304: 15, 18, 20, 21, $23 - 25$

Thu., Apr. 3:

    Reading:

        Hefferon, §§ 4.I, 4.II
        Lay, Ch. 3

    Exercises:

        Hefferon, p. 291: $1 - 8$, $10 - 15$

Tue., Apr. 1:

    Assignment (reading and exercises)
(also available as HTML extended by MathML)

Tue, Thu., Mar. 25, 27:

    No classes; University recess

Thu., Mar. 20:

1. Expect a **quiz** designed to probe class weaknesses uncovered as a result of the midterm test.

2. Study the midterm test solutions, which will be available here after 4:00 p.m., Tues., March 18:
    PDF
    HTML with MathML

    Available slides: Firefox or IE+MathPlayer or PDF

Tue., Mar. 18:

    Midterm Test

Thu., Mar. 13:

    Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Tue., Mar. 11:

    The **midterm test** will be in one week, on **March 18**.

    Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Thu., Mar. 6:

    Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF
Comments on the quiz (HTML)

Tue., Mar. 4:

      The **midterm test** will be in two weeks, on **March 18**.

      Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Thu., Feb. 28:

      Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF
Comments on the quiz (HTML)

Tue., Feb. 26:

      Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Thu., Feb. 21:

      Expect a **quiz**.
Read Matthews, §§ 8.5 – 8.7
Exercises:

          Matthews, **186:** 8 – 12

      Available slides: Firefox or IE+MathPlayer or PDF

Tue., Feb. 19:

      No class; university in recess

Thu., Feb. 14:

      Expect a **quiz**.
Read Matthews, §§ 8.1 – 8.4
Exercises:

          Matthews, **185:** 1 – 7

      Available slides: Firefox or IE+MathPlayer or PDF

Tue., Feb. 12:

      Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Thu., Feb. 7:

      Expect a quiz
Assignment (reading and exercises)
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Tue., Feb. 5:

      Expect a quiz
Read: §§ 2.1–2.2 in the e-text by Matthews
Assigned exercises
(also available as HTML extended by MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Thu., Jan. 31:

      Take note of the list of Free Linear Algebra Materials Online (also available as PDF)
Read: Chapter 1 of the electronic text by Matthews
Assigned exercises
(also available as HTML extended by MathML
– see the page on browser readiness for MathML)
Available slides: Firefox or IE+MathPlayer or PDF

Tue., Jan. 29:

    Read: §§ 1.1–1.2

        11: 1–10
        25: 1–4

    Available slides: Firefox or IE+MathPlayer or PDF

Thu., Jan. 24:

    First meeting: no assignment.