

## **Math M303: Linear Algebra**

Spring 2024

MWF 10:20-11:10, WH 121

### **Professor Jim Davis**

Office: Rawles Hall 259

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**Office hours:** Monday 9-10, Thursday 1:30-2:30, and by appointment

**Associate Instructor:** Pavel Kovalev email: [pakova@indiana.edu](mailto:pakova@indiana.edu)

**Text:** Lay, Lay, and McDonald, *Linear Algebra and its Applications, 5th Edition*

Note - you will need the 5th edition - search for it online

### **Grades:**

Exam I: 16%

Exam II: 16%

Exam III: 16%

Final: 30%

Quizzes: 15%

Homework: 7%

**Homework:** Submit each homework assignment on Canvas in a single pdf file. You can use a tablet, or write the homework on paper and then scan it using a scanner or a smartphone app such as Notes or CamScanner. Taking photos does not work well.

### **Exam Schedule:**

Exam I: Friday, February 2, in class

Exam II: Friday, March 1, in class

Exam III: Wednesday, April 3, in class

Final Exam: Monday, April 29, 10:20-12:20. The final is cumulative.

There will be a quiz on each section. The five lowest quiz scores will be dropped, but makeups will not be given.

### **Tentative Syllabus:**

Sections: 1.1, 1.2, 1.3, 1.4, 1.5, 1.7, 1.8, 1.9

2.1, 2.2, 2.3

3.1, 3.2, 3.3

4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.9

5.1, 5.2, 5.3, 5.4

6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7

7.1, 7.2 We may not cover every topic in the later sections.

**Expectations:** Read the text before and after each lecture. Attendance is required. No phones during lectures – no texting! Don't cheat. Anyone caught cheating will be reported to the Dean of Students and flunk the course.

I will try to do my best to give a well-organized course in order to enable you to succeed in Linear Algebra.