MATH 2114: Introduction to Linear Algebra
Spring 2017, MWF 1:25-2:15pm, McBryde 307

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Office Hours: M 3:00pm-4:00pm
T 10:00am-Noon

Prerequisites. To enroll in Math 2114, you must have credit for Math 1226 or a grade of at least a B in Math 1225.


If you previously purchased the 4th edition at Virginia Tech, you will not need to buy the new edition. The Math Department will be able to upgrade your access. Let me know if you fall into this category.

Computer Resources. Throughout the course, the student should become familiar with some Matrix Algebra program such as MATLAB, Mathematica, or SageMath. Some homework questions will be marked with an [M] indicating that they are designed to be solved with such a program. MATLAB is available on the computers in most computer labs at VT, including the Math Emporium.

Final Exam. There will be a comprehensive final examination Friday May 5th, 4:25pm-6:25pm. The final examination is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules and with classes and exams at other colleges.

Midterm Exams. There will be three in-class midterm examinations. Their tentative dates and composition are as follows:

- February 13, covering Chapter 1.
- March 27, covering Chapter 3, Sections 2.1-2.3, and Sections 4.1-4.3.
- April 19, covering Chapter 5 and Sections 4.4-4.6.

Homework. There will be both online and written homework assignments. The online homework is administered through MyMathLab (https://www.pearsonmylabandmastering.com). To access the homework for this course you will use the course ID lax47697. You have an unlimited number of attempts at each assignment until its due date.

The written homework will be collected and returned in class. Students should show a sufficient amount of work on written assignments to justify their answers. For assignments using MATLAB or similar, this includes providing a copy of your code. While collaboration is encouraged, each student should submit her or his original solution. Select problems will be graded for correctness; the remainder will be graded for completeness.

No late homework will be accepted under any circumstances. The student’s lowest written homework grade will be dropped.
**Course Grades.** The course grade will give the following weight to the student assessments:

Midterm Exams: 45% (15% per exam)

Final Exam: 25% (10% multiple choice, 15% free response)

Written Homework: 25%

Online Homework: 5%

A final score of 90% will guarantee an A, a grade of 80% will guarantee a B, a grade of 70% will guarantee a C, and a grade of 60% will guarantee a D. The +/- grade modifiers are given at the discretion of the instructor.

**Honor Code.** The Undergraduate Honor Code pledge that each member of the university community agrees to abide by states: “As a Hokie, I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”

Students enrolled in this course are responsible for abiding by the Honor Code. A student who has doubts about how the Honor Code applies to any assignment is responsible for obtaining specific guidance from the course instructor before submitting the assignment for evaluation. Ignorance of the rules does not exclude any member of the University community from the requirements and expectations of the Honor Code. For additional information about the Honor Code, please visit: [https://www.honorsystem.vt.edu/](https://www.honorsystem.vt.edu/)

**Accommodation for Students with Disabilities.** Any special accommodations must be made through the Services for Students with Disabilities office ([http://www.ssd.vt.edu/](http://www.ssd.vt.edu/)).

**Tutoring Resources.** The VT Math Department maintains information on tutoring resources on their website ([http://www.math.vt.edu/people/schmalej/tutors/home.php](http://www.math.vt.edu/people/schmalej/tutors/home.php)).