

MATH 2114 - SPRING 2018

CRN: 15648 MWF: 1:25-2:15PM McB 232
CRN: 15655 MWF: 9:05-9:55AM McB 321

CRN: 15657 MWF: 12:20-1:10PM McB 129
CRN: 15660 MWF: 8:00-8:50AM McB 238

Instructor: Cristina F. Letona-Bolivar
Office: 448 McBryde Hall
E-mail: cristilb@vt.edu (please write your CRN in the subject)
Course Website: <http://www.math.vt.edu/courses/math2114/>
Canvas: <https://canvas.vt.edu/>
WebAssign: <https://www.webassign.net/>
Office Hours: MW 2:30-3:30pm; TR 8:30-9:30am; Or by appointment.

Text: *Linear Algebra, A Modern Introduction*, 4th edition by David Poole with WebAssign.

Course Content: Math 2114 is a challenging three-credit course covering important topics in Linear Algebra including vector and matrix operations, systems of linear equations, linear independence, bases, orthonormal bases, rank, linear transformations, and diagonalization.

Prerequisites: Math 1226, or a grade of B or better in Math 1225.

Grading:

- 5% WebAssign
- 15% Homework/Quizzes
- 60% Tests (3 Tests) (20% each)
- 20% Comprehensive Final Exam

A 90% will guarantee an A-, 80% a B-, 70% a C-, 60% a D-.

WebAssign: There will be online assignments. The online assignment is administered through WebAssign. No WebAssign assignments will be dropped.

Homework/Quizzes: Homework problems will be posted on Canvas and will be collected at announced times. Only selected but unannounced problems will be graded. A grade of zero will be assigned for any paper not on time. There will be in-class and take-home quizzes. Dates for the quizzes will be announced in class. There will be no make-up quizzes. Your lowest assignment grade will be dropped.

Tests: Three tests will be given throughout the semester. You must take tests on the specified date. Usually, makeup exams will not be given. If a student misses an exam for reasons that are serious, unavoidable, and beyond the student's control, the situation will be handled on an individual basis. When possible, the student should notify the instructor before missing the work.

Tentative Test Dates:

- Test 1 – Monday, February 12 from 7:00-9:00 pm;
- Test 2 – Monday, March 26 from 7:00-9:00 pm;
- Test 3 – Monday, April 23 from 7:00-9:00 pm;

Common Time Final Exam: The final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules, conflicts with classes and exams at other colleges, and travel plans.

Final Exam – Friday, May 4 from 7:00-9:00 pm.

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/>

Important

- If you need adaptations or accommodations because of a documented disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.
- You and your classmates are here to learn, and that happens best in an atmosphere of mutual respect with freedom from distractions and disturbances. All of us should abide by the Virginia Tech Principles of Community.
- Cell phones should be turned off or in silent mode and should be put away while class is in session. Do not use computer in this class except for note taking only.
- For tutoring options visit <http://www.math.vt.edu/people/schmalej/tutors/home.php>
- Attendance will be taken and records will be sent to the Math Department. You are responsible for all announcements made in class and posted on Canvas.