

**Math 2114: Introduction to Linear Algebra**  
[MEETING DAYS] [MEETING TIMES]  
**Spring 2021** (CRN #####)

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<b>Office Hours:</b>	W/F 12:30pm - 2:00pm on Zoom (879 6518 1738) other times by appointment	<b>Email:</b>	<a href="mailto:Joseph.Wells@vt.edu">Joseph.Wells@vt.edu</a>
<b>Text:</b>	<i>Linear Algebra: A Modern Introduction</i> , 4th ed. by Poole (w/ WebAssign access)		
<b>Supplemental Text:</b>	<i>Elementary Linear Algebra</i> , 8th ed. by Larson		
<b>Canvas:</b>	<a href="https://canvas.vt.edu/courses/127427">https://canvas.vt.edu/courses/127427</a>		
<b>WebAssign Site:</b>	<a href="https://www.webassign.net">https://www.webassign.net</a>		
<b>Course Website:</b>	<a href="http://intranet.math.vt.edu/courses/math2114">http://intranet.math.vt.edu/courses/math2114</a>		

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**Prerequisite:**

You must have one of the following:

- A grade of B or better in Math 1225
- A passing grade in Math 1226

**Course Content and Delivery:**

The course covers contents on: Vector and matrix algebra, systems of linear equations, linear equations, linear independence, bases, Matrices, determinants, Eigenvalues and Eigenvectors, orthonormal bases, rank, linear transformations and diagonalization.

This classroom will be run “flipped” - you are expected to watch the lecture videos and take the concept check quizzes before the start of class. Class time will consist of approximately 15 minutes of clarifying content from the videos, and then 60 minutes of working in groups.

*Per VT Math Department policy, the specifics of the course policies have been redacted from this public-facing document.*