

**Math 2114: Introduction to Linear Algebra**  
**Spring 2020**

---

<b>Instructor:</b>	Joseph Wells, PhD (He/Him/His)	<b>Phone:</b>	540-231-6536
<b>Office:</b>	545 McBryde Hall	<b>Homepage:</b>	<a href="http://Joseph-Wells.com">Joseph-Wells.com</a>
<b>Office Hours:</b>	T 3:30pm - 4:30pm, W 1:00pm - 2:00pm, Th 12:00pm - 1:00pm other times by appointment		
<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>Course Website:</b>	<a href="http://intranet.math.vt.edu/courses/math2114">http://intranet.math.vt.edu/courses/math2114</a>		
<b>WebAssign Site:</b>	<a href="https://www.webassign.net/login.html">https://www.webassign.net/login.html</a>		

---

**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:**

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. Approximately Chapters 1–5 in Poole's book.

*Per Math Department policy, no further specifics of this course policy sheet may be made public.*