SUNY Schenectady County Community College

- Fundamentals of Linear Algebra

- Front Matter
- 1: Systems of Equations
- 2: Matrices
3: Determinants

- 4: The Vector Space $\mathbb{R}^n$
- 5: Vector Spaces
- 6: Inner Product Spaces
- 7: Linear Transformations
- 8: Eigenvalues and Eigenvectors
- 9: Spectral Theory
- 10: Some Prerequisite Topics
- Back Matter