

Physics 243 Checklist

The following skills are recommended for Physics 243, College Physics. Choose the following textbook from the dropdown menu:

Blitzer: Algebra and Trigonometry, 4e

Once you have chosen the textbook, click on the words “study plan”. Expand the Chapter + to see the individual sections. For each section below, start by watching the section video then proceed to exercises. If you need help with an exercise, you can click on the menu to the right of the exercise for help, to read the related section of the textbook, or to see additional examples.

- Chapter O - Orientation Questions for Students
- Chapter P – Concepts of Algebra
 - P.2 Exponents and Scientific Notation
 - P.3 Radicals and Rational Exponents
- Chapter 1 – Equations
 - 1.2 Linear and Rational Equations
 - 1.3 Models and Applications
 - 1.5 Quadratic Equations
- Chapter 4 – Exponential and Logarithmic Functions
 - Sections 4.1- 4.5
- Chapter 5 – Trigonometric Functions and Inverse Trigonometric Functions
 - Sections 5.1 - 5.3, 5.7 - 5.8
- Chapter 6 – Analytic Trigonometry
 - 6.1 Trigonometric Identities
 - 6.2 Sum and Difference Formulas
 - 6.3 Double Angle and Half Angle Formulas
- Chapter 7 – Additional Topics in Trigonometry
 - 7.1 The Law of Sines
 - 7.2 The Law of Cosines
- Chapter 8 –Systems of Equations
 - 8.1 – Systems of Linear Equations on two variables