

ShareWorld Learning Center

AP Physics 1 (Algebra-Based) – Mon,Wed class

Class Schedule: 6/14 - 8/04/2021 (15 classes)

Class Time: Monday & Wednesday 7:00-8:30 PM

Course Objective: This course will introduce students the key concepts, laws, and equations of AP Physics 1 topics. The methodology of solving AP Physics 1 problems will also be taught.

Course Prerequisite: Minimum Algebra 2/Trigonometry, Preferred - Precalculus (or Precalculus Honors)

Reference Textbook:

1. Class Handouts
2. *College Physics*, OpenStax, download for free at <https://openstax.org/details/books/college-physics>

The schedule below is tentative and subject to change depends on the progress of the class.

Class Time: Monday and Wednesday, 7:00 - 8:30pm

Class	Date	Topics
1	6/14/2021	Kinematics
2	6/16/2021	Kinematics
3	6/21/2021	Dynamics
4	6/23/2021	Dynamics
5	6/28/2021	Dynamics
6	6/30/2021	Uniform Circular Motion
	7/05/2021	No class
7	7/07/2021	Universal Gravitation
8	7/12/2021	Work and Energy
9	7/14/2021	Work and Energy
10	7/19/2021	Momentum and Impulse
11	7/21/2021	Momentum and Impulse
12	7/26/2021	Simple Harmonic Motion
13	7/28/2021	Simple Harmonic Motion, Rotational Motion
14	8/02/2021	Rotational Motion
15	8/04/2021	Rotational Motion