

## AP Physics C (Mechanics)

| Course                      | Dates                  | Schedule                   | Instructor      |
|-----------------------------|------------------------|----------------------------|-----------------|
| AP Physics C<br>(Mechanics) | 10/26/25 –<br>05/10/26 | Sunday 5:45 PM –7:15<br>PM | Mr.<br>Kovalcin |

### Course Description

The small group class is designed to re-enforce students' understanding of the school curriculum. The classes will include homework, quizzes/tests to prep for the school quizzes/tests. The topics covered are listed below. We'll be happy to open additional small group classes focusing on your school specific topics upon request.

UNIT 1: Kinematics

UNIT 2: Force and Translational Dynamics

UNIT 3: Work, Energy, and Power

UNIT 4: Linear Momentum

UNIT 5: Torque and Rotational Dynamics

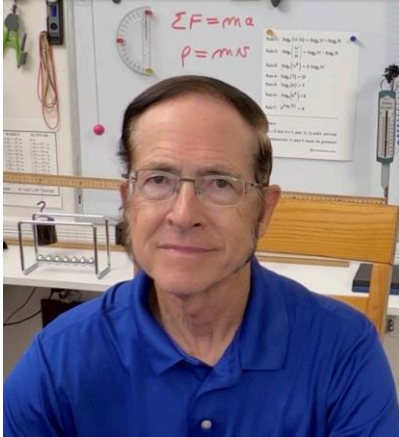
UNIT 6: Energy and Momentum of Rotating Systems

UNIT 7: Oscillations

### Program Pricing

[Click here to register](#) and view tuition

## Course Instructors



### Mr. Kovalcin

#### Physics Teacher

Mr. Kovalcin, a physics enthusiast, has coached many students on the US Olympiad team and has even helped write a Physics textbook. He has been teaching physics for over 36 years at various institutions, including Monmouth County Science and Engineering Center at Manalapan High School. Mr. Kovalcin has gained many experiences with students by teaching AP Physics I, II, C Mechanics and E&M, Honor Physics, and Olimpiad Physics, as well as coaching the Manalapan High School Physics team in the National Science League to first place. Mr. Kovalcin's classes are also filled with exciting laboratory experiments that enhance the classroom environment. He clearly explains difficult concepts to students and specifically, the origins and applications of the laws of physics.

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