Love to **DISCOVER** why things work?
Want to share your **PASSION**?

Sounds like you’d make a **GREAT** physics teacher!
Want a rewarding profession?

By teaching physics, you will help address one of our country’s more pressing educational problems—a critical shortage of high school physics teachers. You will make a real difference in the economic competitiveness of our country by guiding students to see in the new, creative ways needed in today’s world.

Personally, teaching physics also makes good sense. Few careers offer the job security, respect, and flexibility of high school teaching.

“Rowan’s learning assistant program was invaluable—it showed me how rewarding it can be to teach.”

IAN GRIFFIN ’16, PHYSICS TEACHER, CEDAR CREEK HIGH SCHOOL

Don’t know if you want to teach?

Rowan offers a wealth of opportunities to experience teaching almost from the start. You’ll see the joys and challenges firsthand while helping in college and high school classrooms through our learning assistant program; you’ll learn the inside story from mentors in the field; and you’ll see students light up during your presentations at local schools.

If teaching fits, you will leave Rowan in four or five years with a master’s degree, a teaching certificate and probably several job offers. If not, the program will give you the communication and problem-solving skills needed in a wide range of fields, from engineering to technology to medicine.

“Switching to physics in my sophomore year and becoming a learning assistant unearthed a deep passion for teaching that I never knew I had.”

AUSTIN O’NEILL ’19, ROWAN PHYSICS MAJOR

Would Rowan be a great choice?

Rowan belongs to the exclusive 5+ Club, a group of colleges and universities that graduates five or more high school physics teachers each year. The distinction reflects Rowan’s commitment. As part of the nationwide PhyTEC program, Rowan develops comprehensive courses and strategies to expose students to the joys of teaching while giving them resources to excel.

Be sure to ask about scholarship opportunities that include full tuition and a stipend for your final year.

“Rowan’s connections to local high schools helped me get two job offers before I even graduated.”

TIM VITALE ’13, PHYSICS TEACHER, CLEARVIEW REGIONAL HIGH SCHOOL
Are you needed?

- Of all school subjects, physics has the most severe teacher shortage, followed by math and chemistry.
- Only a third of newly hired high school physics teachers have a physics degree.
- The number of high school students taking physics has doubled in the past two decades; 39 percent of high school students take the subject.

“Even after teaching high school physics for 35 years, I still look forward to going to work every single school day.”

REINER SCHMIDT ’83, PHYSICS TEACHER, GLASSBORO HIGH SCHOOL

The Rowan advantage

Rowan is one of only two comprehensive public research universities in New Jersey. The Department of Physics & Astronomy is recognized by the American Institute of Physics as a top undergraduate institution for the number of physics students it graduates, more than 30 each year. The department offers research experiences not typically found at the undergraduate level.

Transforming education

The Department of Physics & Astronomy, in collaboration with the College of Education, is a funded site by PhysTEC, a national initiative by the American Physical Society and the American Association of Physics Teachers. The initiative addresses the dire shortage of high school physics teachers by helping universities transform physics teacher education programs. The initiative provides resources to Rowan and almost 50 other universities and colleges while counting more than 300 institutions as coalition members.