

# COURSES

## Algebra-Based Physics



- **101N/102N:** Conceptual Physics 1 & 2
- **111N/112N:** Introductory General Physics 1 & 2
- **AP Physics 1 & 2**

## Calculus-Based Physics



- **226N/231N/261N:** University Physics 1
- **227N/232N/262N:** University Physics 2
- **AP Physics C**



## Astronomy

- **103N:** Intro Astronomy of the Solar System
- **104N:** Intro Astronomy of Galaxies and Cosmology

## Advanced Courses

*Courses added every semester!*

*Advanced course tutoring only available in passive sessions*

# ABOUT ME



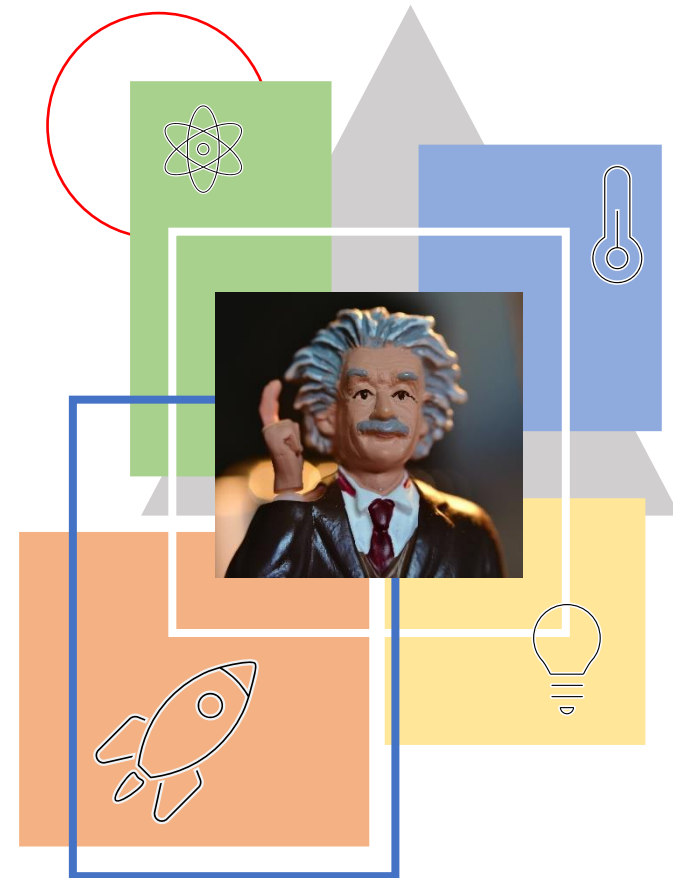
My name is Corey Sargent, and I am currently a physics PhD student at ODU. I received my bachelor's degree in physics, summa cum laude, in 2019, and my master's degree in 2021. I am currently involved in astrophysics research and have been instructing astronomy lab courses since 2019, during which I have also been tutoring for ODU's Physics Learning Center. As an undergrad, I spent time as a paid tutor in ODU's calculus lab, as well as an academic coach for the honors college.

I spent the summer of 2018 in NASA's SARP program, a competitive internship in southern CA for ambitious rising senior STEM students.

My first academic paper in physics was published in *The Astrophysical Journal* in 2020.

More info can be found on my website:

[www.coreysargentphysics.com](http://www.coreysargentphysics.com)



# PHYSICS TUTORING

HIGH SCHOOL • COLLEGE

## PASSIVE TUTORING

- The tutor will assist the student in learning and implementing proper study habits.
- The tutor will sit with the student and work alongside them in the completion of homework problems assigned by the course instructor.
- The tutor will guide the student through difficult problems when necessary, with the goal of having the student become self-sufficient.

This is the best choice for students who may have an easy time grasping the physics concepts introduced during lecture but have a hard time implementing them in solving problems. Students who feel confused on how to start problems, or just need to see how certain concepts are applied benefit the most out of these sessions.

## ACTIVE TUTORING

- An *Active Tutoring* session includes all *Passive* tutoring session benefits.
- Assignment and test performance is analyzed, and additional problem sets are provided to give more practice in the student's problem areas. Timed and untimed practice exams can also be set-up.
- Lecture-style instruction can be given for students wanting a more one-on-one learning experience.

This is the best choice for students who feel like they need help on more than just their homework. Students who feel like they need an additional incentive to push them to do more practice problems and to help them identify weak points in their learning benefit the most out of these active tutoring sessions. These sessions are best utilized in multiple 2-hour periods a week throughout the semester.

- This is the best option for high school students looking to ace their AP exam

- Passive tutoring sessions can be scheduled one session at a time. Note that last minute slots cannot be guaranteed and work on a first come – first serve basis.
- Active tutoring sessions should be scheduled at the beginning of the course and planned throughout the semester to get the best learning experience.
- All sessions are to be done on Old Dominion University's campus. At-home sessions will require an additional charge.
- Payment methods are determined upon scheduling each session.



## RATES

**Passive Tutoring - \$20/hour**

**Active Tutoring - \$45/hour**

Ready to schedule a session or have any questions? Email:

[csarg007@odu.edu](mailto:csarg007@odu.edu)

\*Rates up to date as of Fall 2022