



# Columbus Academy

## Upper School Physics and Robotics Teacher

**The School:** Founded in 1911, Columbus Academy is a coeducational college preparatory day school of over 1,100 students age 3 through grade 12 located on a 231-acre campus in Gahanna, Ohio. Student programs are organized into three divisions: Lower School (Age 3-Grade 5), Middle School (Grades 6-8) and Upper School (Grades 9-12). The school offers a vigorous academic program as part of its mission to educate the whole child – mind, body and character. Columbus Academy faculty and staff members are expected to be continuous learners in their fields, to engage in caring and cooperative partnerships with colleagues and parents, to have a demonstrated commitment to the values of equity and inclusion, and to help each student reach his or her full potential.

**The Position:** Columbus Academy seeks a part-time Upper School Physics and Robotics Teacher with responsibilities to begin August 2022.

**Qualifications** (preferred candidates will possess the following qualifications):

- Bachelor's degree or higher in a science field
- 3+ years teaching experience in high school or college
- Ability to teach all levels of physics including AP and Calc-based courses
- Familiarity with the Advanced Placement and ability to teach Honors sections preparing students for the AP examination
- Ability to teach beginning and advanced semester-long robotics courses, either designing your own curriculum or implementing current curriculum for the courses
- Knowledge of trends in science and authentic research at the secondary level
- Experience and comfort with student-centered pedagogy, the integration of technology, and teaching within a block schedule
- A reflective practitioner, committed to a continuous process of self-improvement, innovation and lifelong learning
- Ability to collaborate with others and to creatively solve problems
- Ability to lead or direct extracurricular activity or coach interscholastic sport
- Enthusiasm, a positive sense of humor, self-confidence, and effective oral and written communication skills

**Position Expectations** (the individual selected to this position will be expected to carry out the following responsibilities):

- Teach four sections, which meet regularly but not daily
- Assume the role of robotics coach for the robotics team
- Assume a share of supervisory responsibilities expected of all upper school faculty members

**Position Expectations** (continued):

- Collaborate with departmental colleagues on curriculum design and development
- Provide periodic updates to parents about student progress, via both written reports and in-person/Zoom conferences
- Make use of technological resources, including the school's online learning management site for classes
- Hold students accountable for the school's standards of behavior
- Work with others in the school community to support each student's emotional well-being

**Physical Conditions** (candidates must be able to manage the following conditions):

- Classroom environment
- Mobility around school buildings and on different floors (handicap accessible)
- Repetitive motion (use of a computer keyboard)
- Periodic need to move light furniture, hang visuals in classroom, carry objects (no more than 40 pounds), etc.
- A non-smoking campus

**Legal Requirements:** All Columbus Academy employees must pass required criminal records checks. Where appropriate, individuals will also be required to provide proof of academic credentials.

**To Apply:** Interested candidates should apply online at [columbusacademy.org/apply](https://columbusacademy.org/apply).

Columbus Academy believes strongly in the principles of diversity, equity and inclusion. We seek to identify and hire a greater number of faculty of color to serve as role models for all students. We strive to foster a diverse campus community, which recognizes the value of all persons regardless of religion, race, ethnicity, gender, sexual orientation, disability or socioeconomic background.