



Space Academy Homeschool Enrichment Program

Teaching Assistant Part-time, in-person (Fridays)

Job Description

As part-time Teaching Assistant (TA), you will support a STEM homeschool enrichment program for students in 5th to 12th grade. Space Academy prepares students to develop a year-long space mission, building a payload to be flown on board of a sounding rocket or a high-altitude balloon. Your support will include preparing materials for hands-on projects, assisting students during activities, supervising students during lunch time, and greeting students and parents during drop off and pick up. You will engage with students from different ages, educational backgrounds and skill levels, fostering an environment that encourages experimentation, curiosity, critical thinking and innovation. You will teach sections of the curriculum that align with your experience and educational background. A few field trips will be scheduled during the year, so you may be required to join the field trip on the bus with students and other staff members.

Responsibilities

- Assisting instructors with classroom management, preparing materials for hands-on activities, and providing feedback to improve the curriculum.
- Assisting students in hands-on activities such as soldering components on a printed circuit board, building prototypes, creating electrical circuits, etc.
- Greeting students and parents during drop off and pick up, ensuring students are safe.
- Teaching sections of the curriculum that align with your experience and educational background. Sections are no longer than 1.5 hours and have a lecture component of about half an hour and a hands-on activity of about one hour.
- Attending in person and virtual trainings within a month of hire.

Expected Skills and Qualifications

- Currently enrolled as an undergraduate or graduate student in science or engineering at a local college or university in Colorado Springs, CO.
- Proficient in coding using Arduino IDE.
- Experience with PCBs and electronic components.

- Exceptional verbal and written communication skills to effectively interact with students, parents and staff.
- Problem-solving skills and ability to troubleshoot technical issues.
- Previous teaching experience, especially in hands-on learning, is a plus.
- Experience with space-related projects is a plus.
- Must be available to work on Fridays.
- Must pass a background check including fingerprinting.

Schedule

Sessions are held every **Friday** at 6845 Shoup Rd, Colorado Springs, CO 80908 (in Black Forest). Classes start on September 5th. We want to be as flexible as possible to accommodate college students. You can choose the shift that best align with your schedule:

- All day: from 8:00 am to 4:00 pm
- AM shift: from 8:00 am to 12:00 pm
- PM shift: from 12:00 pm to 4:00 pm

Salary

The hourly rate for undergraduate students is \$30; for graduate students is \$35. Salaries are paid monthly.

How to Apply

Send a Cover Letter detailing your experience and a Résumé to veronica@spaceacademyhse.org.