
Job Title	Engineering Instructor (High School)
PVN ID	BA-2306-005662
Category	Instruction and Social Service
Location	BARUCH COLLEGE
Department	STEP Academy
Status	Part Time
Hourly Rate	\$45.00-\$45.00
Hour(s) a Week	0.00-20.00
Closing Date	Aug 08, 2023 (Or Until Filled)

General Description

The Baruch STEP Academy is an academic enrichment program focusing on STEM (Science, Technology, Engineering, and Mathematics) education and providing college preparation. Managed through the CUNY Research Foundation, we serve over 150 middle and high school students throughout the city. The Summer 2023 Program will operate over 16 sessions, July 10th through August 3rd (Monday through Thursday only).

Website: <https://step.baruch.cuny.edu>

Blog: <https://baruchstep.wordpress.com/>

Instagram: <https://www.instagram.com/baruchstep/>

High School Instructor (*In-Person*)

Course Title: Engineering Foundations

Course Description: This course will apply math, science, and engineering concepts to solve real world problems. Students will explore the different specialities within the engineering profession.

Additional Information: This course is designed for students interested in engineering related careers.

Application submission deadline: IMMEDIATE HIRE | June 15th

Summary of Responsibilities

The STEP Academy at Baruch College is seeking to fill a summer instructor position for the high school program. The course will introduce high school students to an intensive science subject for a month. The goal of the course is to engage students in an exploratory science experience, not provided in a standard classroom. Instructors will prepare students to participate in the annual showcase displaying research posters, projects, or visual presentations.

Schedule:

Start Time: 9am

Instruction Hours: 9:30am-2pm

Other Duties

- Prepare and teach curriculum for 20-25 students
- Evaluate student and group performance often
- Provide staff with measurable results in student learning through assessments
- Monitor and maintain student attendance records
- Reassess curriculum based on students' needs, interests, and understanding of materials
- Plan for end of semester project (summer showcase)

Qualifications

Required:

- Availability for each program day from 9 a.m. – 2:00 p.m.
- Degree in engineering or related STEM
- Experience in a teaching capacity in subject area
- Experience with designing/implementing a course curriculum
- Have a strong classroom management style

Preferred:

- Strong background in the subject area
- Prior teaching experience with middle or high school students
- Ability to engage students with creative lessons and innovative teaching style
- Possess good interpersonal skills with adolescents and a strong understanding of their maturity levels
- Enthusiasm for the subject with flexibility in adjusting curriculum to reflect students' abilities

Salary

\$4,500 | \$45 x 100 hours | This includes 72 hours of instruction time + 28 hours of orientations, meetings and prep work.