

Program Overview

STEM Foundations is a four-week virtual program (July 2025) for high school students designed to prepare them for the challenges and opportunities of a STEM career. It focuses on many of the professional skills they'll need to succeed in both higher education and the workforce. Participants who successfully meet program requirements will earn a \$200 educational stipend at the conclusion of the program. STEM Foundations is funded by the U.S. Army.

Position Openings

The Army Educational Outreach Program (AEOP) seeks K-12 teachers or college instructors and undergraduate or graduate students with STEM research experience to join the 2025 STEM Foundations team in the roles of Teacher-Coach and Near Peer Mentor.

Teacher-Coach (2 positions)

Teacher-Coaches will train, mentor, supervise, and coach the Near Peer Mentors (NPMs). They will oversee the term-long Interview Project and all grading/feedback performed by the NPMs. Teacher-Coaches will meet regularly with NPMs, keep NPMs to a program timeline, and provide advisement in classroom management and teaching methods. Curriculum guide provided.

- **Time Commitment:** 180 hours between June 23 and August 8 – class sessions, trainings, and meetings scheduled between noon and 4pm ET.
 - ▶ June 23 – July 3: Trainings and Preparations
 - ▶ July 7 – August 1: Program Implementation
 - ▶ August 4 – August 8: Wrap Up (flexible schedule)
- **Compensation:** \$5,400 stipend
- **Eligibility:** K-12 teacher or university instructor in STEM field. Experience with the AEOP RESET or other AEOP or DoD STEM or teacher programs preferred. Must be a U.S. citizen or permanent legal resident. Must have reliable access to computer, internet, and webcam for duration of program. Must meet protection of minor background screening requirements.

Near Peer Mentor (10 positions)

Working in pairs, NPMs will each lead two student cohorts (16 high school students in each group). NPMs will facilitate twice-weekly cohort sessions, mentor students, and provide substantive feedback in virtual and group sessions and to assignments. NPMs are required to attend all class sessions, meetings, and trainings. Curriculum guide provided.

- **Time Commitment:** 160 hours between June 23 and August 8 – class sessions, trainings, and meetings scheduled between noon and 4pm ET.
 - ▶ June 23 – July 3: Trainings and Preparations
 - ▶ July 7 – August 1: Program Implementation
 - ▶ August 4 – August 8: Wrap Up (flexible schedule)
- **Compensation:** \$3,200 stipend
- **Eligibility:** Undergraduate or graduate student with experience in STEM research. Experience with Army or DoD research and teaching/mentoring experience preferred. Must be a U.S. citizen or permanent legal resident. Must have reliable access to computer, internet, and webcam for duration of program. Must meet protection of minor background screening requirements.

Apply Now

To apply, [click here](#) or scan the QR code for the application.



Questions?

Contact the helpline at STEMFoundations@rit.edu