UNITED STATES ARMY AEROMEDICAL RESEARCH LABORATORY

GEMS NEAR-PEER MENTORS

GEMS (GAINS IN THE EDUCATION OF MATHEMATICS AND SCIENCE) IS A SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) EDUCATION PROGRAM THAT ENGAGES SCHOOL-AGE STUDENTS IN HANDS-ON EXPERIMENTS AND BROADENS THEIR KNOWLEDGE ABOUT STEM CAREERS. NEAR-PEER MENTORS TEACH THE EXPERIMENTS, SERVE AS ROLE MODELS, AND ACT AS RESOURCES CONCERNING COLLEGE LIFE AND CAREER PATHWAYS.

WHO CAN APPLY TO BE A NEAR-PEER MENTOR?

CURRENT 11TH GRADERS, 12TH GRADERS, AND COLLEGE STUDENTS ENROLLED IN A STEM- OR EDUCATION-RELATED DEGREE PROGRAM

WHEN IS THE NEAR-PEER MENTOR PROGRAM?

JUNE 1, 2027 – JULY 12, 2027
MONDAY – FRIDAY
7:30AM – 4:30PM

WHAT ARE THE NEAR-PEER MENTOR APPLICATION REQUIREMENTS?

A COMPLETED ONLINE APPLICATION, ACADEMIC TRANSCRIPTS, RESUME, AND TWO RECOMMENDATION FORMS

APPLICATION DEADLINE: JANUARY 8, 2027

ARMY STEM

LOADING AWESOMENESS







TOPICS TAUGHT BY NEAR-PEER MENTORS IN 2027:

Simple Machines (4th & 5th Graders)
Exploration of basic engineering techniques to build, test, and evaluate simple machines.

Robotics (8th & 9th Graders)
Building and programming robots to maneuver and conquer different tasks using VEX engineering, design, and programming.

Forensics (6th & 7th Graders)
Investigation of problem solving, engineering, physics/force of motion, and forensics techniques.

Medical (10th & 11th Graders)
Investigation of the physiology of various human organ systems and exploration of various healthcare professions.

APPLICATION LINK: https://apps.ideal-logic.com/armystem

QUESTIONS? *Contact the* **USAARL GEMS Coordinator @** usarmy-usaarl-stem@health.mil

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