



Jefferson High School AFJROTC STEM Engagement

03 June 2026

Event Outcomes

SOFWERX hosted students from Jefferson High School's Air Force JROTC program for a STEM engagement focused on innovation, engineering, and hands-on technical skill development. Following an introduction to SOFWERX and its role in accelerating collaboration between government, industry, academia, and the national security community, students participated in an interactive electronics activity that introduced fundamental soldering techniques and basic circuit assembly. The engagement provided students with practical exposure to prototyping concepts while reinforcing the value of problem-solving, attention to detail, and technical workforce skills aligned with the missions of the United States Special Operations Command (USSOCOM) and SOFWERX.

- SOFWERX staff provided students with hands-on instruction in soldering and basic electronics assembly, allowing participants to apply technical concepts through the completion of a functional project.
- Students gained exposure to engineering and prototyping processes while developing confidence in the use of tools, equipment, and safe manufacturing practices within a structured learning environment.
- The event strengthened connections between SOFWERX and local STEM education programs. The event provided 18 Air Force JROTC cadets with direct exposure to innovation pathways, technical careers, and opportunities to further develop STEM-related skills.

