



## U.S. ARMY JROTC MISSION

"To motivate young people to be better citizens"

## PREPARING THE CYBER LEADERS OF THE FUTURE

The cybersecurity industry is rapidly growing and is projected to have 1.8 million unfilled positions in 2021. The Army JROTC Cyber Pilot program addresses the needs of the nation by preparing interested students for careers in cybersecurity fields. The program provides students opportunities to attain key knowledge, skills, and abilities through innovative activities, competitions, and workplace experiences with cyber mentors.

## WHAT IS THE ARMY JROTC CYBER PILOT PROGRAM?

The Army JROTC Cyber Pilot program is an innovative, four-year, honors level cyber program that is part of the Army's effort to infuse critical STEM curriculum in high schools across the country.

The Army JROTC Cyber Pilot program provides students with challenging, relevant experiences and prepares them to enter the cyber workforce, pursue postsecondary studies, and/or enter military service.

The program grows the leaders and cybersecurity experts of the future by providing the following:

- Preparation for Industry-Recognized Certifications
- Curriculum Developed by Subject Matter Experts
- Hands-On Experiences through Cyber Competitions
- Opportunities for Cyber Internships/ Mentorships
- Quality point weighting commensurate with Honors/Advanced Placement courses
- Potential for College Credits
- Interactive Learning Experiences

## Contact Us:

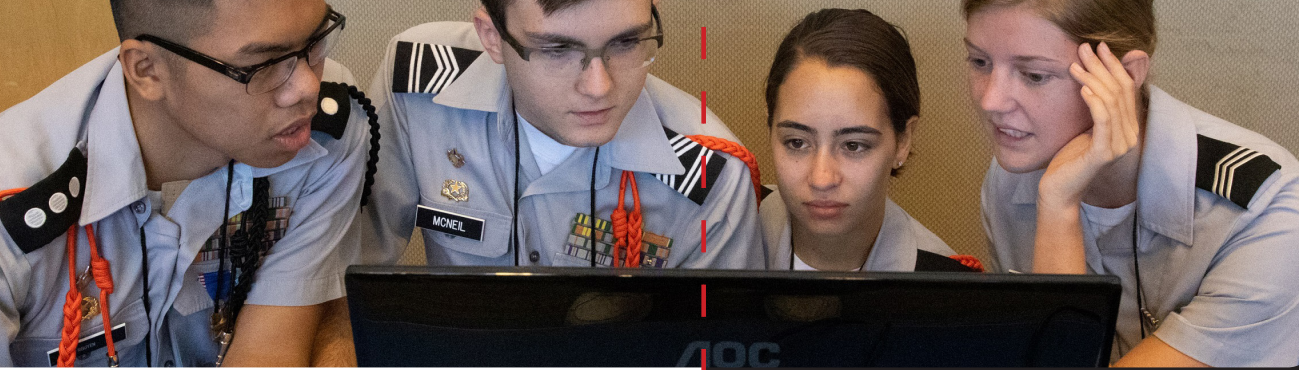
[usarmy.knox.usacc.mbx.hq-jrotc-cyber@mail.mil](mailto:usarmy.knox.usacc.mbx.hq-jrotc-cyber@mail.mil)



## JROTC CYBER PILOT PROGRAM. BECOMING A CYBER INSTRUCTOR

[usarmyjrotc.com](http://usarmyjrotc.com)





## CYBER INSTRUCTOR QUALIFICATIONS

The JROTC Cyber Pilot will leverage instructors from various backgrounds and experiences to execute the pilot across approximately twenty sites in the first year with more sites the following years. To meet this demand, the JROTC Cyber Pilot team proposes the following instructor requirements:

- Bachelor's degree in computer science, information systems, cybersecurity, secondary education or related field.

### Certification (1 of the following)

- DoD Approved 8570 Baseline Certification (Any IAT Level 1 certification or higher)
- CompTIA Linux+
- Microsoft Technology Associate (MTA) or similar
- Cisco Certified Technician or similar

### Professional Experience (1 of the following)

- 2+ years of experience with a Bachelor's degree in a cybersecurity related role or MOS fitting the experience: 17A/B/C/D, 25A/B/C/D/N/Q/S/U, 35N/Q/S/T, 94F/H/Y, 170, 255, FA24, FA26, FA29, FA30, or FA53 series/technology careers in the military.
- 2+ years of post-secondary education experience or USASMA certified small group leader or 8 identifier serving 18 months or more as a TRADOC instructor for MOS fitting the experience listed above.

## WHO CAN APPLY

- Current U.S. Army JROTC Instructors
- Any retired Officer, Warrant Officer, or NCO from any service with a cyber background
- Retired from service (Active, Guard, and Reserve) no longer than 3 years (waiverable after 3 years)

Credentials and requirements are subject to change as curriculum and overall program are further developed.

## HOW TO APPLY

Learn more about the application and certification process for U.S. Army JROTC Cyber Instructors at [usarmyjrotc.com/jobs](https://usarmyjrotc.com/jobs) or email your resume to: [usarmy.knox.usacc.mbx.hq-jrotc-cyber@mail.mil](mailto:usarmy.knox.usacc.mbx.hq-jrotc-cyber@mail.mil)



## CYBER INSTRUCTOR JOB DESCRIPTION

### Knowledge

- Computer networking concepts and network security methodologies
- Authentication, authorization, and access control methods
- Laws, regulations, policies, and ethics as they relate to cybersecurity

### Skills

- Configure and utilizes network protection technologies
- Build computer hardware systems and networks
- Identify network vulnerabilities and risks

### Abilities

- Prepare and deliver education materials regarding cybersecurity-related topics, such as those dealing with systems, networks and data, users, and security policies and procedures
- Communicate complex information, concepts, ideas, in a confident and well-organized manner through verbal, written, and/or visual means
- Provide effective feedback to students for improvement of learning

### Tasks

- Plan and implement lessons using effective classroom management and instructional techniques
- Develop or assist in the development of course assignments, course evaluations and grading/proficiency standards
- Provide timely and constructive feedback on assignments

