



## PREPARING THE CYBER LEADERS OF THE FUTURE

The current cybersecurity workforce gap stands at more than 3.1 million trained professionals worldwide, according to the 2020 (ISC)<sup>2</sup> Cybersecurity Workforce Study. While the number of professionals in the industry grew by more than 700,000 in 2020, women still only represent approximately 25% of the cybersecurity workforce compared to at least 40% of the global workforce, according to the Pew Research Center. The Army JROTC Cyber Program addresses the needs of the nation by preparing interested students for careers in cybersecurity fields. The program provides students opportunities to attain key task, knowledge, and skills through innovative activities, competitions, and workplace experiences with cyber mentors.



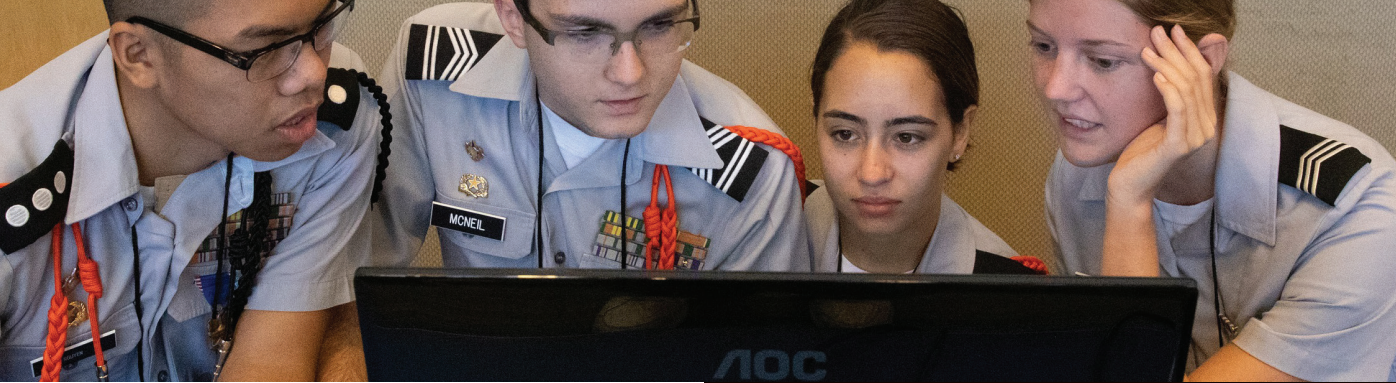
JROTC  
CYBER  
PROGRAM.  
THE  
FUTURE OF  
EDUCATION.

### CONTACT US

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

[GOARMY.COM](http://GOARMY.COM)





## BENEFITS TO STUDENTS

### CERTIFICATIONS & CREDITS

The honors level curriculum will provide students innovative opportunities to gain real world experiences, preparation for industry recognized certifications, and potential to earn college credits during high school.

### HANDS ON EXPERIENCES

Opportunities to engage in hands-on labs and simulations including network administration, systems security engineering, cyber competitions, and network operations that mimic real-world cybersecurity activities and supplement traditional classroom instruction.

### MENTORSHIPS/INTERNSHIPS

Students will have opportunities to learn from mentors through classroom, workplace and virtual experiences in a variety of business and industries.

### CAREER EXPLORATION

Opportunities to explore multiple career paths in service and industry through guest instruction and mentorships from leaders in various fields.

### CURRICULUM

Curriculum designed by subject matter experts and aligned to nationally recognized standards such as the National Initiative for Cybersecurity Education's task, knowledge, and skills.

## WHAT IS THE ARMY JROTC CYBER PROGRAM?

The Army JROTC Cyber 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 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

## BENEFITS TO THE NATION

Participation in the JROTC Cyber prepares a next generation of students to enter the cybersecurity profession through the civilian workforce, military, or post-secondary education.

The curriculum aligns to industry-recognized certifications and experiences and students are more prepared to enter the cybersecurity career pathway of their choice.

Access to critical STEM and cyber education is expanded nationally to increase the workforce talent pool and create a more diverse cohort of candidates. Surrounding communities have access to local talent to fill high demand cyber positions.

The combined support from military, industry, and higher education provides unparalleled opportunity for community collaboration and cyber innovation.

