



Cyber Security Workshop

Presented By:

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When: July 8 - 11, 2019 (8:30 A.M. – 4:00 P.M. Daily)

Where: Penn State University

As computers become more sophisticated and data storage becomes increasingly important in our lives, security threats that could compromise these systems also become more serious. Efforts to counteract these threats are essential to protecting our personal information, securing our data, and mitigating malicious physical and digital damage. Exploring cybersecurity challenges can be an excellent way for students to learn about how computers work and process information and how that knowledge can be leveraged to create more secure systems. This multi-day workshop will teach teachers the basics of electronics and computer hardware and prepare teachers to teach principles of physical and digital cybersecurity, culminating with a challenge to attack and defend computer systems. All teachers are welcome, but content will be most applicable for Computer Science, Tech Ed, Physics, and Robotics teachers.

Target Audience: Teachers of students grades 6-12

This workshop is FREE to all educators with ACT 48 (24 hours) provided free of charge.

Teachers will be provided with free lodging and meals, a \$300 stipend for attending, up to \$250 for travel, and classroom materials valuing up to \$350.

This workshop is aligned to the PA Science and Technology Standards, PA Math Standards, and Next Generation Science Standards.

Maximum enrollment is 10. [Apply online](#) today to attend.

For more information, visit csats.psu.edu or contact Taylor Wood at tuw233@psu.edu or 814-865-1181.

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