



AP Cybersecurity

Learn how digital systems are protected from attacks, threats, and security risks.



- What happens during a cyberattack—and how do threats start?
- How do organizations secure the physical spaces where their systems and data live?
- What makes a network vulnerable to attack, and how can those vulnerabilities be reduced?
- What makes passwords and authentication secure?
- How do organizations protect sensitive information?

In AP[®] Cybersecurity, you'll explore questions like these through projects, analysis, collaboration, and real-world applications.



What You'll Explore

- Cybersecurity threats and vulnerabilities
- Physical security and secure spaces
- Network security and connectivity
- Device security and authentication
- Application, data protection, and legal responsibility



This Class Is About Protecting Digital Systems

You'll investigate cybersecurity risks, analyze threats, apply security controls, and practice strategies used to secure systems and networks. AP Cybersecurity includes threat analysis, hands-on security projects, incident response simulations, and real-world cybersecurity scenarios.



Why Students Take AP Cybersecurity

Because cybersecurity affects business, government, health care, finance, education, and everyday life. And because it helps students build technical and analytical skills used in college and future careers.



Benefits of AP Cybersecurity

- Explore topics connected to cybersecurity threats, network defense, device security, and data protection
- Build analytical and technical problem-solving skills
- Experience college-level cybersecurity coursework
- Discover interests that connect to future careers and college pathways



Bonus

You also have the opportunity to earn college credit, advanced placement, and an employer-endorsed credential while still in high school.

Think You Might Be Interested?



Talk with your teacher or counselor about AP Cybersecurity. You might end up seeing the vulnerabilities, protections, and decisions that keep data, systems, and people safe in a digitally connected world.



Learn More



Tell Us You're Interested