

Cybersecurity Curriculum available on NCyTE.net

Cybersecurity Concept Lessons

- 13 individual educational units, supplemental materials and activities
- Easy way to integrate cybersecurity concepts into Advanced Placement® (AP) Computer Science Principles or other computer science or IT courses
- All programming is in JavaScript
- Download from www.ncyte.net/c5-lessons



Cybersecurity-infused Computer Science Modules

- 7 modules designed for use in intermediate high school and community college courses
- Align with the Advanced Placement® (AP) Computer Science Principles framework
- Align with knowledge units of the ACM Computer Science Curricular Guidelines
- Align with NSA Center of Academic Excellence (CAE) knowledge units
- Download from www.ncyte.net/c5-modules



Interactive Lessons

- Online mini-lessons to help make your class more dynamic
- Self-assessments either at the end of lessons or separately
- 8 lessons on cybersecurity concepts
- 8 lessons on cyber attacks and vulnerabilities
- 6 lessons on code injection attacks
- 3 lessons on cryptography
- 5 lessons on networking
- Access them at www.ncyte.net/resources/cybersecurity-curriculum



“How-to” materials for hosting cybersecurity camps

- Materials for hosting a one-day cybersecurity camp for middle school girls at www.ncyte.net/girls-go-tech-workshops
- Materials for hosting a cybersecurity camp for high school students at www.ncyte.net/cybercamp



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