

Cybersecurity Curriculum available on NCyTE.net

Cybersecurity

Concept Lessons

LESSON

Cybersecurity Concept Lessons

- 13 individual educational units, supplemental materials and activities
- Easy way to integrate cybersecurity concepts into Advanced Placement® (AP) Computer Science





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

The material in the NCyTE Cybersecurity

supported by the NCyTE Center and the National

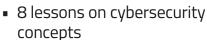
Science Foundation under Grant No. 1548315,

Catalyzing Computing and Cybersecurity in

Community Colleges (C5).

Interactive Lessons

- Online mini-lessons to help make your class more dynamic
- Self-assessments either at the end of lessons or separately





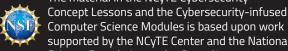
- 6 lessons on code injection attacks
- 3 lessons on cryptography
- 5 lessons on networking
- Access them at <u>www.ncyte.net/resources/</u> cybersecurity-curriculum

"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







Cybercamp

Course Materials