

Principles of Computers and Coding

Scope and Sequence

Endorsement: Business & Industry

Cluster: Information Technology

Meets advanced course requirement? NO ▾

Program of Study: Cybersecurity, Programming & Software Dev, Networking Systems, Web Development

Meets foundation requirement for math, science, fine arts, English, LOTE? NO ▾

Course Description:

Principles of Computers and Coding prepares students to adapt to emerging technologies used in the global marketplace. Students will enhance their reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. The student will research careers in the technology field, computer hardware, appropriate software, and network systems. The applications used include word processing, spreadsheets, database, presentation, and design and web publishing.

TEKS link

- 1 credit
- Grade 7-8
- Lab supplies or fee may be required
- Required prerequisites: N/A
- Recommended prerequisites: N/A

Industry Certification/Credential: N/A

TEA recognized IBC (to count toward program of study completion)? NO ▾

Instructional Units	Grading Period
- Hardware/Software/Networking - Ethics & Legal Practices - Digital Citizenship - Employability - Microsoft Word	N1 (fall)
- Microsoft Excel - Microsoft Access - PowerPoint	N2 (fall)
- Canva - HTML/CSS/ Coding	N3 (spring)
Coding & Robotics	N4 (spring)

Primary Instructional Materials:

Supplementary Instructional Materials: