

Scope and Sequence

Course Description: Principles of Information Technology 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. (1 Credit)

TEKS

Cluster: Information Technology

Program of Study: Web Design/Networking

Endorsement: Information Technology

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for Math, Science, Fine Arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: Microsoft Office

Instructional Units	Pacing
<p>1st Semester</p> <p>Technology Skills in the 21st Century Computer Hardware Computer Software and Operating Systems Computer Ethics and Legal Issues in Information Technology Career Exploration and Employability Technical Skills-Word Processing Software Technical Skills- Presentation management</p>	<p>1st grading pd</p> <p>2nd grading pd</p>
<p>2nd Semester</p> <p>Certification Test - Presentation management Software Technical Skills- Spreadsheets Software Technical Skills- Database Technology Computer Networking Emerging Technologies in the 21st Century Software Technical Skills- Computer Programming Software Technical Skills- Web Page Design</p>	<p>3rd grading pd</p> <p>4th grading pd</p>

Primary Instructional Materials: Principles of Information Technology ISBN-97880134449524. Publisher: Pearson Education Inc

Supplemental Materials: Txcte.org, Gcfllearnfree.org