

## CFISD Principles of Information Technology 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)

- Additional supplies or project fees may be required.

TEKS

Cluster: Information Technology

Endorsement: Business & Industry

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: N/A

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

Primary Instructional Materials:

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

**Supplemental Materials:**

Txcte.org

Gcflearnfree.org