

CFISD Networking Scope and Sequence

Course Description:

Upon completion of this course, students will understand the fundamentals of computer hardware and software such that they can assemble a computer system, install an operating system, and troubleshoot issues that arise. Other topics include preventative maintenance, networking and security. The content of this course is in alignment with industry-recognized computer technician certifications such as CompTIA's IT Fundamentals plus. The goal of providing this training (and potential certification) is to assist students in becoming more marketable and desirable in the workplace. (1 credit)

- ◆ Grades 10 – 12
- ◆ Lab supplies or fee may be required.
- ◆ Assessment for verification of industry-recognized training is available for a fee.

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: CompTIA ITF+

Instructional Units	Pacing
Troubleshooting Methodology Intro to Programming Hardware Basics CyberSecurity Data	Fall Semester
Intro to Networking Software Basics Database Basics Security Basics Certification Test Prep	Spring Semester

Primary Instructional Materials: CompTIA Objectives