

CFISD Practicum in Information Technology
Scope and Sequence

Course Description:

This course allows students to apply and expand upon previously learned IT concepts and principles in the classroom and the workplace. In the classroom portion of the course, students will gain knowledge of professional standards as required by business and industry. Students will also receive industry-recognized training designed to make them more marketable and desirable in the workplace. Students are required to work 10 hours per week at an approved training site and must be employed at that site within 15 school days after enrollment in the course. (2 Credits)

- Grades 12
- Required prerequisite: (or concurrent): At least 2 technology courses with at least one being Networking or Internetworking Tech I
- Students must provide own transportation to the work sit
- Lab supplies or fee may be required

TEKS

Cluster: Information Technology

Endorsement: Business & Industry

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

Industry Certification/Credentials:

Instructional Units	Pacing
<p>1st Semester Note: This is a work-based course</p> <ul style="list-style-type: none"> • Orientation and Safety • Organizational Structures • Leadership Styles • Operations • Desktop Support • Communication Skills 	<p>1st grading pd</p> <p>2nd grading pd</p>
<p>2nd Semester</p> <ul style="list-style-type: none"> • Cybersecurity • Network Administration • Network Design and Evolution • Management Tools • Ethics • Graduate Tips & Advice: Importance of Work Ethic • Employability Skills (revisited) • Written Communication Practices • Workplace Issues • Jobs, Careers & Education • Formulas for Career Success: Higher Learning, Portfolio Development, Interview Preparation, and The Interview Process 	<p>3rd grading pd</p> <p>4th grading pd</p>

Extra Chapters to be Disbursed as Teacher needs