

CFISD Web Design

Scope and Sequence

Course Description:

Web Design introduces students to the core principles of front-end web development, site architecture, and digital graphics. Students will write clean HTML and CSS code from scratch using dedicated code editors, progressing from foundational layouts to more complex responsive designs.

Designed to align with workforce demands, this course emphasizes professional coding standards and prepares students to sit for an **industry-recognized HTML/CSS certification**, enhancing their employability and technical competency. (1 Credit)

- Grades 9 – 12
- Lab supplies or fee may be required.
- Assessment for verification of industry-recognized training available for a fee

TEKS

Cluster: Arts, A/V Technology and Communication & 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

Instructional Units	Pacing
1st Semester • System Administration and IT Infrastructure • Networking Fundamentals • Digital Citizenship and Cyber safety • Cumulative Project • Web Development	1 st grading pd 2 nd grading pd
2nd Semester • Advanced HTML and CSS • Cumulative Project • Introduction to JavaScript • GMetrix Training and Industry based certification	3 rd grading pd 4 th grading pd

Certification Opportunities:

Information Technology Specialist - HTML and CSS

Primary Instructional Materials:

CodeHS

Teacher Made Assignments