

CFISD Web Technologies I

Scope and Sequence

Course Description:

Students will learn how to design, create, and maintain web pages including campus pages on the district website. Projects will incorporate tools such as HTML, Dreamweaver, Photoshop, Animate, Fireworks, digital cameras, and scanners. The emphasis will be on utilizing the features in Adobe Dreamweaver included in the corresponding industry-recognized certification. Students earning certifications in Adobe Animate, Dreamweaver and Photoshop are considered Web Design Specialists. (1 Credit)

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

TEKS:

Program of Study: Web Development and related elective that can be added as additional credit to any of the Arts Programs of Study.

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

Industry Certification/Credentials: Adobe Dreamweaver and Web Design Specialist

Instructional Units	Pacing
1 st Semester Web Design Project Planning, Project Management & Teamwork Copyright & Fair Use Introduction to HTML & CCS Graphic Design with Adobe Photoshop Adobe Dreamweaver – Essential Skills	1 st grading pd 2 nd grading pd
2 nd Semester Adobe Dreamweaver – Responsive Design Certification Preparation/Testing Advanced Dreamweaver Certification Preparation/Testing	3 rd grading pd 4 th grading pd

Primary Instructional Materials:

Against the Clock – Adobe, Web Design Portfolio CC ISBN - 9781936201518

Supplemental Instructional Materials:

- codeacademy.com <http://cte.unt.edu/information-technology/web-technologies/>
[http://www.washington.edu/accesscomputing/webd2/instructor/index.h](http://www.washington.edu/accesscomputing/webd2/instructor/index.html)
[t http://www.w3schools.com/](http://www.w3schools.com/)
<http://www.csszengarden.com/>
<http://caniuse.com/>, <http://wave.webaim.org/>, <http://webaim.org/>,
<http://paletton.com><https://color.adobe.com/create/color-wheel/>