

CFISD Web Technologies II

Scope and Sequence

Course Description:

This course provides students the opportunity to expand upon the web tech knowledge and skills mastered Web Technologies I course. Aesthetic design will be a major component to the course utilizing design software such as Adobe Photoshop. Students will focus on advanced web page concepts and applications, including the incorporation of web-based programming languages such as JavaScript, Perl or MySQL. Students are required to submit a formal plan within 15 days after enrollment in the course. The plan should specify the additional languages and/or technologies that will be studied and utilized, along with an overview of the culminating project. (1 Credit)

- Grades 10 – 12
- Required prerequisite: Web Technologies I
- Satisfies the advance course requirement for Business & Industry endorsement.
- Lab supplies or fee may be required.

TEKS

Cluster: Arts, A/V Technology and Communication & 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: N/A

Instructional Units	Pacing
1st Semester Aesthetics of Web Design Photoshop Basics Design Comps in Photoshop Visual Design Bootstrap Review Advanced CSS Photoshop to Dreamweaver	1 st grading pd 2 nd grading pd
2nd Semester Intro to WordPress (Post and Pages) Advanced WorsPress (Plugins) Advanced WordPress (Plugins) E-Commerce	3 rd grading pd 4 th grading pd

Primary Instructional Materials:

Lynda.com-online tutorial

Supplemental Instructional Materials:

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

Revised for Fall, 2019

Pluralsight.com – online tutorials

Web Hot Shots BE Publishing ISBN – 1934422366

Ultimate FitnessBE Publishing ISBN -9780972133159