

Phoenix Christian High School CIS400 Advanced Web Design Course Scope & Sequence (2010)

COURSE DESCRIPTION

This class will teach students how to create and manage a website. They will learn how to use HTML, CSS, Java Script, ASP, and Flash. The students will learn to the planning, designing, building, and implementation processes of publishing a website. Must have completed CSC200

COURSE SCOPE AND SEQUENCE

First Quarter

Basics of HTML 1 Week

Key Concepts: Refresher on the basics of HTML that were covered in CSC200.

How to find HTML code on the internet.

Assessments: Small Projects, quizzes

Biblical Integration: Book of Proverbs.

CSS 3 Weeks

Key Concepts: How to incorporate CSS into a website. Using CSS to position information instead of using a table to position information. Using CSS to change the font, background, pictures, and other functions. How to find CSS codes on the internet.

Assessments: Small Projects, quizzes

Biblical Integration: Proverbs on Anger.

Java Script 3 Weeks

Key Concepts: How to use java script in webpages. Using java script with forms, to verify data. How to find Java Script codes on the internet.

Assessments: Small Projects, quizzes

Biblical Integration: Proverbs on Wealth

Second Quarter

PHP 3 Weeks

Key Concepts: How to incorporate a database into a website. How to use ADO to access the database and modify data.

Assessments: Small Projects, quizzes

Biblical Integration: Book of James.

Flash 2 Weeks

Key Concepts: How to build a flash animation. How to incorporate flash into a website.

Assessments: Make a flash movie and put it into a website.

Biblical Integration: Book of Isaiah

Website

4 Weeks

Key Concepts: Build a website for a business. Go through all the planning, design, building, and implementation stages.

Assessments: Publish a website.

Biblical Integration: Book of Isaiah and the Church.