

CompuScholar, Inc.
 Alignment to
 "Certified Internet Web (CIW) Site Development Associate "
 Certification Exam Requirements

CIW Course Details:

Course Name:	Certified Internet Web (CIW) Site Development Associate
Course Code(s):	1D0-61B
Standards Link:	http://ciwcertified.com/Certifications/Web_Foundations_Series/sda.php

CompuScholar Course Details:

Course Title:	Web Design
Course ISBN:	978-0-9887070-3-0
Course Year:	2015

Note 1: Citation(s) listed may represent a subset of the instances where objectives are met throughout the

Introduction

The "CIW Site Development Associate" exam is designed to test general HTML and CSS skills, plus knowledge of client/server interactions and technologies found in dynamic websites. Preparation for this exam can generally be accomplished within a single school year.

The CompuScholar "KidCoder: Web Design" course teaches fundamental HTML, CSS, and JavaScript skills. It can be used as preparation for all parts of the CIW exam as described below.

Exam Requirements

Domain 2: Site Development Associate	CITATION(S)
2.1 Demonstrate knowledge required to create a Web page.	Web pages created throughout the course
2.2 Add images and graphical formatting to HTML files, and create and edit images and audio.	Chapter 11, Lesson 1 Chapter 11, Lesson 2 Chapter 19, Lesson 3
2.3 Identify and use design and color principles for Web pages.	Chapter 6, Lesson 2 Chapter 10, Lesson 1
2.4 Create a basic HTML form that accepts user input.	Supplemental Lesson 11

2.6 Define Extensible Markup Language (XML), and identify its features and appropriate use.	Chapter 1, Lesson 2
2.7 Identify essential Web site navigation issues, and ensure page/site accessibility.	Chapter 5, Lesson 3 Chapter 13, Lesson 1 Chapter 13, Lesson 2
2.8 Define and apply essential aspects of the Cascading Style Sheets (CSS) standard, including CSS versions 1, 2 and 3.	Chapter 6 and subsequent chapters
2.9 Use the most current version of Hypertext Markup Language (HTML5) to create Web pages.	HTML5 is used throughout the course
2.10 Identify technologies for enhancing the user's Web experience, including programming languages, multimedia technologies.	Chapter 13, Lesson 3 Chapter 25
2.11 Use GUI-based HTML editing software to create Web pages.	Chapter 16, Lesson 4 Second-semester activities accomplished with Komodo Edit
2.12 Test and analyze Web site performance issues.	Supplemental Lesson 1 Supplemental Lesson 9
2.13 Identify steps in the Web site planning and development process.	Chapter 14 (all Lessons) Supplemental Lesson 4
2.14 Identify essential issues in developing and maintaining a Web site, including project management, testing, legal issues.	Chapter 16, Lesson 1 Chapter 16, Lesson 2 Chapter 14 (all Lessons) Supplemental Lesson 4
2.15 Plan and deliver oral presentations of your Web site, during and after site development.	Chapter 14 (all Activities)
2.16 Define electronic commerce (e-commerce) and related technologies and concepts necessary to develop a secure, useful interface (i.e., storefront).	Chapter 13, Lesson 3 Chapter 13, Lesson 4 Chapter 16, Lesson 2
2.17 Demonstrate knowledge of languages commonly used to provide database connectivity to Web sites.	Chapter 13, Lesson 3
2.18 Identify the benefits and drawbacks of running your own Web server versus using a service provider.	Supplemental Lesson 1
2.19 Identify common strategies for managing an end user's experience and improving site creativity.	Chapter 6, Lesson 2 Chapter 10, Lesson 1 Chapter 13, Lesson 1
2.20 Consider copyright and ethical issues when creating Web pages.	Chapter 11, Lesson 1 Chapter 16, Lesson 1
2.21 Design Web pages to industry standards.	Chapter 13, Lesson 2 (WCAG 2.0), plus HTML5 in all chapters and activities