

CompuScholar, Inc.
 Alignment to North Carolina BD10
"Multimedia and Webpage Design" Course Standards

North Carolina Course Details:

| | |
|------------------------------|---|
| Course Name: | Foundations of Information Technology |
| Primary Cluster: | Business, Finance, and Information Technology |
| Course Code(s): | BD10 |
| Credit: | 1 |
| Grade Level: | 9th-12th |
| State Standards Link: | North Carolina CTE Standards NCCTE.BD10 |

CompuScholar Course Details:

| | |
|----------------------|-------------------|
| Course Title: | Web Design |
| Course ISBN: | 978-0-9887070-3-0 |
| Course Year: | 2019 |

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

Note 2: Citation(s) for a "Lesson" refer to the "Lesson Text" elements and associated "Activities" within the course, unless otherwise noted. The "Instructional Video" components are supplements designed to introduce or re-enforce the main lesson concepts, and the Lesson Text contains full details.

Course Description

This course is designed to help students master skills in the design and construction of complex websites for conducting business electronically. Emphasis is on skill development in advanced web page construction and entrepreneurial applications of conducting business electronically as well as economic, social, legal, and ethical issues related to electronic business. Students learn through project-based applications as they plan, design, create, publish, maintain, and promote an e-commerce website.

Course Standards

| NCCTE.BD10.01.00 - Understand design. | CITATION(S) |
|---|--|
| NCCTE.BD10.01.01 - Understand typography, multiuse design principles, and elements. | Chapter 10, Lesson 1 |
| NCCTE.BD10.01.02 - Understand digital communication products. | Chapter 15, Lesson 5 Chapter 16, Lesson 4 |

| NCCTE.BD10.02.00 - Understand digital image design. | CITATION(S) |
|--|----------------------|
| NCCTE.BD10.02.01 - Understand digital raster graphics. | Chapter 11, Lesson 1 |

| | |
|--|----------------------|
| NCCTE.BD10.02.02 - Understand digital vector graphics. | Chapter 11, Lesson 1 |
|--|----------------------|

| NCCTE.BD10.03.00 - Understand time based media. | CITATION(S) |
|---|---|
| NCCTE.BD10.03.01 - Understand principles of audio and video. | Chapter 19 |
| NCCTE.BD10.03.02 - Understand basic motion graphic programming. | Chapter 18, Lesson 3 Chapters 24, 27 |

| NCCTE.BD10.04.00 - Understand the fundamentals of web design. | CITATION(S) |
|--|--|
| NCCTE.BD10.04.01 - Understand the fundamentals of HTML5 and CSS. | Chapters 2, 3, 7 and throughout the course |
| NCCTE.BD10.04.02 - Understand the concepts of responsive web design. | N/A |