



# Fundamentals of Web Page Design Syllabus

## Course Details

**Course Code:** 503100CW

**Subject:** CTE

**Required Prerequisites:** None

**Suggested Prerequisites:** Any introductory computer science course, Algebra 1

**Recommended Grade Levels:** 9-12

**Duration:** Semester

**Course Availability:** A listing of when this course is offered in the current school year can be found on the [VirtualSC Current Course Offerings page \(opens in a new window\)](#).

**Class Times:** This course has scheduled instructional meetings. Information on scheduled meetings for each course is communicated by the teacher. Recordings of these meetings will be available for students unable to attend. Students should expect to spend 7-9 hours a week working on this course independently, in addition to any live meetings, and are expected to meet the deadlines posted in the course pacing guide.

**Textbook:** No textbook needed. All required materials are included in the course itself.

**Required Course Materials:** None

**Outside Websites:** A list of links to websites and online textbooks used in this course can be found here: [VirtualSC Course Links Document Folder \(opens in a new window\)](#). Students will need to be able to access all these links to view all course materials.

**Final Exam:** Students in this course take a VirtualSC final exam. Details on scheduling and taking final exams can be found on the [Final Exam Page \(opens in a new window\)](#) of the VirtualSC webpage.

## Course Description

This course will guide students in the development of websites in a project-based, problem-solving environment. Students will learn HTML to organize website content and CSS to format the appearance of website content to develop websites that are well-organized, universally accessible, and easy to navigate. Students will learn the technological processes, requirements, and legal ramifications of publishing their websites. Successful completion of this course will prepare students for certification.

The curriculum used in this course is guided by the Fundamentals of Web Design Standards 2023.

## Scope and Sequence

- Course Overview & Introduction
- Unit 01: The Internet
- Unit 02: HTML Structuring Websites
- Unit 03: CSS Styling Websites
- Unit 04: Advanced HTML and CSS
- Unit 05: Web Design Theory
- Unit 06: How to Build and Maintain a Website
- Final Project
- Final Exam

Students will be sent a full list of assignments and their due dates at the beginning of the course.

Current pacing guides for this course can be found on the [Current Course Offerings page \(opens in a new window\)](#) on the VirtualSC website.

## Course Grades

The final grade in this course results from the following:

- Coursework: 80% (Each unit counts approximately 13% towards the coursework grade)
- Final Project: 15%
- Final Exam: 5%

## VirtualSC Details

Information on VirtualSC student guidelines, policies and technology requirements can be found in the [VirtualSC Student Support Portal \(opens in a new window\)](#).

