

SAMPLE COURSE OUTLINE FOR TECH PREP ARTICULATION SUBMISSION

High School: Forest Lake High School

Course: Web Design 1

Instructor: Jane Doe

Text/Teaching Material: Web Page Design (Stubbs, Barksdale)

Web Style Guide, 2nd Edition

Integrated HTML & CSS (Debolt)

Course Description/Goals:

- Students will learn the ethical responsibilities inherent in producing a web page.
- XHTML Transitional 1.0 as designated by the world wide web consortium.
- Apply appropriate journalistic writing to a web pages.
- Apply knowledge of appropriate layout and design.
- Prepare appropriate images and photographs.
- Computer basics, introduction to the internet, web ethics
- Understanding the web design process
- Learn cascading style sheet basics

Major Course Assignments/Calendar:

Date	Required Task
Week 1/2	Connectors and Group Activities. Brainstorm with partner what makes a good website. <ul style="list-style-type: none">• Key in your survey answers to word and submit with your name and date. Proofread carefully.• Introduction to basic code using notepad.
Week 2/3	Students will be instructed as to the necessary file system that they will need in the course. Computer Basics: Students are given an overview of the various components, including the hardware and software of the computer and how they work together. Introduction to the Internet: The history and background of the Internet is covered. Students are also given an overview of how information is transferred on the Internet and the domain name system. The purpose of the Acceptable Use Policy is also covered.
Week 4	The Web Design Process: The planning process of web site development is covered, including the various web site structures. The components of page layout and design are also covered. Color Theory: Students will learn the basics using color in their site, about the RGB color scale, the different color schemes, and how to logically select colors for their site based on a specific color scheme. Copyright Guidelines: Students are given an overview of Copyright Guidelines relevant to commercial web design.
Week 5/6	Basic Tags and Structure: Students will learn the basic HTML tags and page structure. Students will learn to create and save basic web pages and how to view them in their web browser.

	Project 1 - Students will work on an autobiographical website that will not be uploaded to the internet due to its personal nature.
Week 7/8/9	Creating Lists: Students will learn and create the three basic HTML lists; ordered, unordered, and definition. Students will then learn to create nested lists and how to customize the lists Building the Site/Creating Links: Students will learn how to create HTML links and to connect web pages. Students should be reviewed on the basic web pages structures. Text and Fonts: Students will learn how to modify fonts on a web page and the various attributes of the FONT tag. Working with Images: Students will learn how to import images into their web pages. They will also learn how to control the size and placement of the images, and to wrap text around the images.
Week 10	Project 2 will allow students to create a web site on their own using the concepts covered in the first five HTML lessons. Emphasis should be placed on proper coding, site structure, and readability of content.
Week 11/12	Creating Tables: Students will learn how to create basic tables in HTML. Students will also learn sizing and spacing techniques with tables, and how to use tables in laying out web page content. Merging Cells in a Table: Students will learn how to merge cells across columns and rows in a table. Students will use column and row spanning to build more complex tables, and they will learn how to used advanced tables as a layout technique. Creating Nested Tables: Students will learn how to create complex table structures and nested tables. Students will use these techniques as a layout and design tool.
Week 13/14/15	Cascading Style Sheets Style Sheet Basics: Students will learn the structure of a style rule, the units of measure used in Style Sheets, the three levels of style sheets. Students will work with external and internal style sheets.
Week 16/17	Forms Students will learn the creation of form elements <ul style="list-style-type: none"> • Text area • Radio buttons • Check boxes • Drop-down boxes • Submit/reset buttons Students will learn graphic elements including width and height attributes.
Week 18	Final Project Due and/or Exam (include explanation)

If approved, your high school syllabus MUST include a notice to students indicating the course is Tech Prep approved and articulated with Clark College.

College Tech Prep Program:

This course meets requirements for a partnership with Clark College called Tech Prep. If your student passes the required coursework with a B or better, he/she will earn Clark College credit. Some classes require an additional exam or portfolio review. Registration for the program will take place in the classroom. For more information, please call the program manager at 360.992.2458.

If requirements are met, students will earn credit for the following college courses:
CTEC 122 – HTML Fundamentals, 3 credits