

# Curriculum Guide Web Based Media / Design

## Sequoia Union High School District

**Course:** Web Based Media / Design

**Description:**

Students design, create and maintain web pages using HTML, web page editors and graphics software and equipment. The focus is on using HTML tags, attributes and style sheets; working with various web editors; coding in JavaScript; creating Flash animations; using scanners and digital cameras and graphics software to create web page graphics; and working effectively in pairs or groups.

**Prior Learnings/Prerequisites:**

Successful completion of Computer Applications I or recommendation from an instructor.

**Grade Level:** 10-12

**Length of Course:** 1 Year

**Units:** 10

**Meets Requirements for:**

- Practical Arts
- SUHSD Technology Graduation Requirement
- Tech Prep Program

Content Standards and Benchmarks	Teaching Strategies, Materials, Assessment
<ul style="list-style-type: none"> <li>• NETS 1, 2, 3, 4, 5, 6</li> <li>• Business Education 1.6 (Information Technologies)</li> <li>• Information Technology Industry Sector Standards I(a)(b)(c)(d)(e)(f), III(c)(e)(g)(h)(i)(k)(l)(m)(p)(q)</li> </ul>	<p>This is a hands-on course, where most of the time students perform tasks on a computer. The teacher demonstrates and models appropriate computer and software use and students demonstrate that use via various exercises out of the texts, materials created by the teacher, and materials available through the Internet. Through the Windows operating system, students create and organize folders. Students log into the classroom network, retrieve and save documents to network folders, and attach documents to e-mail.</p> <p>Multiple-choice and authentic-assessment are utilized. Students create an electronic portfolio.</p>

## SUHSD Course (cont.): Web Design

<p><b>Core Textbooks and Instructional Material</b></p> <p>Software:</p> <ol style="list-style-type: none"><li>1. <i>Macromedia MX Studio 2004</i>. (Site License)</li><li>2. <i>Adobe Photoshop</i></li></ol> <p>Textbooks:</p> <ol style="list-style-type: none"><li>1. <i>HTML for the World Wide Web</i>. Elizabeth Castro. PeachPit Press. ISBN 0-201-35493-4.</li><li>2. <i>Studio MX Step by Step</i>. Kirsti Aho. Thomson Learning. ©2004. ISBN 0-619-05507-3.</li></ol>	<p><b>Prevention, Intervention and Extension Strategies</b></p> <p>(Include strategies to address students in ESL, GATE, Special Ed., etc. How is instruction individualized?)</p> <p>The goal and expectation is for all students to succeed. Material is presented in several ways to facilitate effective learning: textbooks and written materials are provided; step-by-step visual handouts are provided; teacher-led instruction is provided, using the LCD projector or Vision system; individual instruction is provided; and hands-on learning is available every day.</p> <p>ESL: Student translators help explain strategies and directions.</p> <p>GATE: Lessons are sequenced to increase in difficulty, providing challenges for more advanced students. Students move at their own pace and are given beyond-plus projects.</p> <p>Special Ed. and 504: The student's IEP directs the curriculum.</p>
<p><b>Possible Correlation to Other Subject Areas</b> (Where could content, skills, resources, teaching strategies overlap?)</p> <p>Students can use the web design skills that they learn in this classroom to complete projects for any other course. Photoshop and design skills transfer directly to art and photography courses, and the web design course is a prerequisite for Animated Art. In addition, students use the Internet for research, learn academic vocabulary and learn to write expository essays. These skills transfer directly to all of their courses.</p>	<p><b>Professional Resources</b> (Websites, books, consultants, videos, etc.)</p> <ul style="list-style-type: none"><li>▪ Guest speakers from various web-design companies / industry.</li><li>▪ <a href="http://www.dynamicdrive.com">www.dynamicdrive.com</a></li><li>▪ <a href="http://www.ws3.com">www.ws3.com</a></li><li>▪ <a href="http://www.macromedia.com">www.macromedia.com</a></li></ul>
<p><b>Potential Articulation with Other Programs</b> (Community College, Tech Prep, ROP, Distance Learning, etc.)</p> <p>Articulation with Cañada College and Foothill College. Students who complete the course with a grade of C or better are eligible for Tech Prep credit at Cañada College, and students who complete the course with a grade of B or better are eligible for Tech Prep credit at Foothill College.</p>	<p><b>Other Pertinent Information</b></p>