

## Web Page Development 1-2 Course Syllabus

**Course Title:** Web Page Development 1-2

**Course Length:** Two Semesters

**Prerequisite:** Information Technology Fundamentals 1-2

**Web Page Development:** This course is designed to introduce high school students, with little or no background in web page development, the basic concepts of web design while creating fun and engaging applications using various text books as well as the internet.

Throughout the course students are introduced to basic concepts of web design. Project allows students to explore the world of web page design as they develop a better sense of what it means to be a Web Master.

### **Course Objectives:**

*Prepare students to:*

- Apply fundamental principals of web page development.
- To use the Adobe Creative Suite 4 Web Premium and Microsoft Visual Studio 2008 Software
- To teach the fundamentals of web page development using Dreamweaver and HTML
- To expose students to proper Web site design and management techniques
- To acquaint students with the proper procedures to create Web sites suitable for coursework, professional purposes, and personal use
- To develop an exercise-oriented approach that allows learning by doing
- To introduce students to new input technologies
- To encourage independent study and help those who are working alone
- To encourage problems solving and critical thinking

How K–12 students in career and technical programs perform after graduation largely depends on what they learn while in school. Students who master on-the-job behaviors alongside digital communications skills not only get the most out of their learning, but they also emerge ready for success in the workforce, where award-winning Adobe software is the industry standard.

Students will be expected to dress in entry-level business attire at least once a month, beginning in September. If this requirement proves to be a financial hardship, please inform your child's teacher by writing a note indicating that your child will not be participating in this activity and your child will be given an alternative assignment to complete. This grade falls under the work place standards category of grades. Many former students have found appropriate clothing for this assignment at local thrift stores—saving even more money by purchasing items on the days that these stores offer sales. The grading for this activity is A: Business activity—professional look (head to toe); B: Casual business attire; C: Casual business attire but wore sneakers or clothes were wrinkled.

### **Career and Technical Student Organization:**



(Future Business Leaders of America) Why is FBLA-PBL so popular? It's simple. We have developed a unique value program that excites students, faculty and administrators, and business professionals to join our organization.



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled work force. We help each student excel." SkillsUSA is an applied method of instruction for preparing America's high performance workers in public career and technical programs.

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**Course Standards:** The standards listed below will be covered during the semester. These standards are taken from the Arizona Department of Education [Career and Technical Education \(CTE\) Program Software Development \(Option D\)](#).

27.D Determine issues that affect internet site functionality  
 28.D Utilize different types of search indexes (static index/site map, keyword index, full text index)  
 29.D Outline the infrastructure needed to support an internet client  
 30.D Configure web browsers and other internet/intranet clients  
 31.D Administer internet/intranet sites  
 32.D Differentiate between popular client-side and server side programming languages and terms  
 33.D Create html pages using an html editor

34.D Identify when to use various multimedia extensions, plug-ins and image and multimedia formats  
 35.D Identify and explain common formats used to deliver content and popular tools to connect a web server to a database  
 36.D Outline the core components of the internet infrastructure  
 37.D Assess and describe various internet security concepts  
 38.D Identify and describe various e-business and e-commerce terms and concepts  
 39.D Demonstrate ability to create web promotions strategy

**General Information:** This course incorporates lecture, discussion, and participation within lessons through presentation, demonstration, discussion and individual and collaborative activities, exercises, labs, and projects. Assessment includes both objective and performance assessments.

**Internet:** Internet access is required for some assignments. All appropriate paperwork (Acceptable Use Policy, Internet Users Agreement, etc.) must be on file with appropriate personnel.

**Grading Scale:** Arizona's Department of Education definition of the level of attainment for assignments in CTE courses; assignments and tests will be given a numerical value and graded based on the scale below:

			Letter Grade		State Level of Attainment
100	-	90%	=	A	Mastered
89	-	80%	=	B	Exceeded
79	-	70%	=	C	Attained
69	-	60%	=	D	Approaches (no credit)
Below		60%	=	F	Unattained (no credit)

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### Course Policies:

**Plagiarism:** Plagiarism and cheating are considered serious offenses and may result in failure on the assignment or exam in question, and a disciplinary referral. For more information, refer to these policies in the student handbook.

**Missed Classes:** The student is responsible for obtaining material distributed on class days when he/she was absent. This can be done through contacting a classmate who was present or by contacting the instructor during his office hours or other times. Missed or late quizzes can not be made up under any circumstances but with good cause and adequate notice, an early quiz may be given. One quiz (lowest score) will be dropped at the end of the semester.

**Assignments:** All assignments are due at the beginning of class on the date due. Late submission of assignments will be assessed a penalty of 10% per day. No exceptions are made.

**Need for Assistance:** If you have any condition, such as a physical or learning disability, which will make it difficult for you to carry out the work as I have outlined it, or which will require academic accommodations, please notify me as soon as possible.

**Tutoring:** Students have five days to make up work missed due to an excused absence. Tutoring is offered both before and after school.

**FBLA:** Students will be required to join the local chapter of the Future Business Leaders of America. The application and registration fee is \$1.00 for the local Tolleson Chapter. Students will be competing with other students on various projects with an opportunity to advance to a state and national competition.

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**Supplements:** The supplements for the class will be the MSDN website, online videos and tutorials, lecture notes and presentations. Class participation will be vital for success in the class.

The text books that will be utilized for the 2009 2010 Web Page Development class will be:

Adobe Dreamweaver CS3: Comprehensive Concepts and Techniques, 1st Edition

ISBN-10: 142391242X

ISBN-13: 9781423912422

© 2009 (840 Pages)

Author(s): Gary B. Shelly, Thomas J. Cashman, Dolores J. Wells, and Steven M. Freund

HTML: Comprehensive Concepts and Techniques, 5th Edition

ISBN-10: 1423927222

ISBN-13: 9781423927228

© 2009 (704 Pages)

Authors: Gary B. Shelly, Denise M. Woods, and William J. Dorin

Web Design: Introductory Concepts and Techniques, 3rd Edition

ISBN-10: 1423927184

ISBN-13: 9781423927181

© 2009 (260 Pages)

Authors, Gary B. Shelly, H. Albert Napier, and Ollie N. Rivers

Principles of Web Design, 4th Edition

ISBN-10: 1423901940

ISBN-13: 9781423901945

© 2009 (460 Pages)

Author Joel Sklar

Introduction to ASP.NET 2.0, 3rd Edition

ISBN-10: 1418837652

ISBN-13: 9781418837655

© 2008 (598 Pages)

Author Kate Kalata