Course Name: Web Design (BU-230) 1 Credit

Teacher: Mr. Korb   **E mail** jkorb@sd27j.org   *e mail is the best way to contact me   **Class Website** pvhsweb.com

Course Description: This course is designed for students to understand how web pages and websites are created and get hands on practice. The course starts with the basics of HTML5 and how to upload a page using FTP. Students will learn how to insert text, pictures, colors, and various multimedia objects into their websites. Every student will create their own "portfolio" on a live website to showcase their work. The major topics covered in web design are: HTML5, C.S.S., Dreamweaver, Design/planning, graphics, and Flash animation. Students will use a variety of different software and technologies while creating their websites. Passing this class will satisfy the technology credit or CTE credit requirements set by 27J, but not both.

Course Goals
- Understand how to construct HTML5 code and its use on a webpage
- Use the correct tags/elements to achieve the desired result
- Become familiar with Dreamweaver to generate the HTML5 code for you
- Develop a skill for creating eye please site objects, colors, and layout
- Photoshop graphic editing software to alter images and objects to make them suitable for a website
- Understand proper site structure and how to upload
- Grasp the basic concepts of C.S.S. Determine how and when to use it on your webpage
- Use Flash to create your own multimedia to be displayed on your website

Topics/Units:
- HTML5
- Design planning and layout
- Uploading and proper site file structure
- Graphic editing software
- C.S.S.
- Dreamweaver
- Flash Animation

Grading:
- 80 % Semester classroom work, quizzes, tests
- 20 %   Semester final Grade
- I use the standard 90 80 70 60 scale.

Articulation:
- This course is articulated with Front Range community college. Students earing a C or better can receive the 3 credit MGD 141 at no cost.

Classrooms expectations and policies
- Show up on time. If you are tardy you are not allowed to leave the room that period and will result in loss of class pts.
- Attendance is a part of the grade. There will be daily attendance/class points awarded. 3 pts per day, 1.5 if you are tardy.
- Respect all students in the classroom physically and verbally.
- Use proper judgment on the internet
- No Food or drink is allowed in the computer lab (water is ok), be responsible for your mess.
- Inappropriate language will not be tolerated and result in consequences and loss of daily classroom points.
- No portable electronic devices out or in use during class time. Silence them and keep them out of sight.
- Late work will result in loss of points. Late = 75 % credit After 2 weeks = 0 %
- Student is allowed 5 passes per semester to use as you please (no passes 1st or last 5 minutes of the period.)

Please remove this bottom section and have your son/daughter return it to me. Keep the top half to refer back to. I check my e mail most often, so it is my preferred way for you to reach me. Thank you.

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Web Design I   period _____   Please print student name _____

I have read and discussed this course syllabus with my son/daughter. Please contact me if you have any questions or concerns.

_____   _____
Parent/Guardian Signature   Date   Student Signature   Date

Please provide accurate parent contact information

Phone _____   E mail _____

Semester Course Outline and Topics

I. **Understanding the Web**
    A. Browser choices and their usability
    B. Infrastructure
    C. Vocabulary and terminology

II. **HTML5 Code**
    A. Basic Structure and tags (pg setup, tables, graphics, sound, formatting, colors)
    B. Use of .html and .txt files
    C. Different uses for hyperlinks
    D. Hexadecimal colors

III. **Graphics**
    A. Different graphic types and appropriate use
    B. Graphic manipulation and changing graphic formats
    C. Resolution

IV. **Website management and hosting**
    A. Server and client
    B. File/folder hierarchy
    C. Uploading
    D. FTP

V. **Planning**
    A. Audience
    B. Purpose
    C. Content
    D. Interface/Navigation
    E. Website evaluation and critique

VI. **Layout / Page Design**
    A. Usability
    B. Accessibility
    C. Aesthetic concerns
    D. Color schemes

VII. **Dreamweaver**
    A. Use DW to generate HTML code
    B. CSS within DW
    C. Inserting images and objects
    D. Hyperlinking and navigation elements
    E. Templates

VIII. **CSS**
    A. Separation of content and presentation
    B. CSS rules (selector, class, ID)
    C. Presentation of text
    D. DIV/page layout with CSS

IX. **Flash**
    A. Appropriate uses of Flash multimedia elements
    B. Adding motion and tween tools
    C. Movie clips
    D. Multimedia elements (audio and video)
    E. Exporting movie (.swf files)