

Freedom High School
Digital Arts/Web Design
2019-2020 Course Outline

1st Quarter

- I. Survey of digital technology and cultural history of the internet.
 - a. Creating a timeline of evolving technology
 - b. Creating a “cultural collage” of the internet
 - c. Discussion on file naming, storage, security and copyrights.
- II. Graphic Design & Layout
 - a. Demonstrate ability in PowerPoint with a personal portrait.
 - b. Elements: Line, Shape, Color, Texture, etc.
 - c. Principles: Movement, Balance, Symmetry, Emphasis, Unity, etc.
 - d. Practice: Completing template in PowerPoint
- III. Photoshop
 - a. Introduction/Explanation
 - b. Tutorials – menus/toolbars/techniques
 - c. Practice: Make image using a title, background and a transparent GIF.
 - d. Projects: Creating logo and GIF animation

2nd Quarter

- IV. HTML
 - a. Tags & Syntax
 - b. Formatting pages & text
 - c. Understanding tables & cells
 - d. Exploring navigation styles & buttons
 - e. Placing images & content - Fireworks & Flash
 - f. Practice: W3Schools tutorial & quiz
 - g. Project: Assisting teachers, advisors, clubs and counselors with their page on Freedom’s site
- V. Fireworks
 - a. Comparison to Photoshop/intended purpose
 - b. Explanation of Vector Graphics
 - c. Tutorials on interface/techniques
 - d. Practice: Make a personal or company logo
 - e. Designing a web page & exporting “slices”
 - f. Creating animated fly-out menus & buttons

3rd Quarter

- VI. Dreamweaver / WordPress
 - a. Introduction & Essential Training
 - b. Exploring menus, tools & techniques
 - c. Building a web page – layout/templates
 - d. Practice: Using CSS to create multiple pages with consistent elements
 - e. Practice: Replicating a web page using Layers/Layout mode
 - f. Importing tables/images sliced in Fireworks
 - g. Importing Flash elements
 - h. Utilizing Frames in web design
- VII. Flash
 - a. Introductory PowerPoint
 - b. Tutorials on interface/techniques
 - c. Adding User Controls
 - d. Using Flash to build web pages
 - e. Practice: Select from a list of tutorials of features to add to web pages

4th Quarter

- VIII. **FINAL PROJECT** – Portfolio or Independent Web Site
 - a. Complete project outline – get approval
 - b. Build web pages to reflect layout and design in outline
 - c. Add content from class projects
 - d. Present “draft” to class for critique/feedback
 - e. Continue developing/adding style and interactive elements
 - f. Upload to a web host via FTP for final approval
- IX. Domain/Hosting/FTP
 - a. Understanding the difference and connection between Domain & Hosts
 - b. Explore options when registering for a domain name or a hosting server
 - c. Practice: Register for a free web host and configure FTP in Dreamweaver