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# Web Design

Mrs. Norris

Plano Senior High

469-752-9377, [gloria.norris@pisd.edu](mailto:gloria.norris@pisd.edu)

## Course Outline 2018-2019

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**Google class code: 6<sup>th</sup> period: wbzwe0c**

**7<sup>th</sup> period: rog0ny**

**Remind: @c7k3h**

### Course Description

Students will develop an understanding of the importance of the Internet in contemporary society and develop skills to plan and produce quality Websites. Key components include:

- **Basic Computer Skills with Windows 10** – navigation, file management and appropriate uses
- **Foundations of the Web** – how the Internet works, history, security
- **Web page construction** – HTML basics, *Dreamweaver CC*, cascading style sheets
- **Principles of Effective Site Design** – audience analysis, message design, page layouts, consistency
- **Graphics Design and Production** – create original graphics using *pixlr.com*, *Photoshop* and *Flash*
- **Information Acquisition** – Internet search strategies, evaluating content validity, copyright, plagiarism

### First Nine Weeks

The student will...

- Understand and follow the Plano ISD Acceptable Use Guidelines.
- Demonstrate understanding of Windows 10 including basic computer skills, file management and file formats.
- Understand their role in Digital Citizenship.
- Distinguish between the World Wide Web, Internet and intranets.
- Recognize significant contemporary and future social and economic impacts of the Internet.
- Demonstrate understanding of Internet search tools.
- Cite resources using correct MLA style.
- Apply search strategies to effectively use government, public domain and commercial photo archives.
- Recognize the importance of the target audience, purpose and other design principles in site design.

- Demonstrate understanding of principles of effective page and site design.
- Demonstrate understanding of basic principles of color theory.
- Demonstrate understanding of copyright, Fair Use and plagiarism.
- Create web pages using basic HTML tags and attributes.
- Recognize the functions of Cascading Style Sheets.

## **Second Nine Weeks**

The student will...

- Create web pages using basic HTML tags and attributes, including images, lists, links.
- Recognize the importance of cross-platform, cross-browser and screen resolution issues.
- Modify photos and create graphics for Web use using the online image editor *pixlr.com*
- Create and apply formatting using Cascading Style Sheets.

## **Third Nine Weeks**

The student will...

- Develop web pages using *Dreamweaver CC*.
- Create CSS using *Dreamweaver CC*.
- Create simple animations using Photoshop.
- Modify photos using advanced Photoshop techniques.
- Create frame by frame and tweened animations using Adobe Animate.

## **Fourth Nine Weeks**

The student will...

- Recognize importance of effective navigation in site design.
- Demonstrate an understanding of FTP.
- Demonstrate increased proficiency with, *Animate CC* and *Dreamweaver CC*.
- Employ strategies to evaluate websites for usability and accessibility.
- Incorporate interactive elements into websites.
- Demonstrate knowledge of Internet security issues.
- Demonstrate understanding of importance of logo design and product branding.
- Apply principles of effective e-commerce design to create a web site.
- Demonstrate the skills acquired during the course in building an interactive educational website.