Web Design I

Prerequisites: Enrollment in 10, 11th or 12th grade
Level: 11th or 12th
Credit(s): 1.0 – business
Additional: This course is accepted as a business credit for H.S. graduation.
This course is accepted as a business credit for college admission.
This course is **not eligible** for credit by the NCAA.

Course Description

The course includes the concepts and terminology of software and skills related to creating web pages. Students learn the basic design principles for creating a web site, HTML coding, Macromedia Dream Weaver and Adobe Photoshop. Students will learn the steps for creating web pages, create pages from scenarios, and work with a local business to create a web site. Content will also include working with digital images

Course Objectives/Goals

- Students will demonstrate the basic principles of Web Design.
- Students will use Adobe Photoshop to manipulate digital images.
- Students will use HTML coding to create web pages.
- Students will use Adobe Dreamweaver to create web pages.
- Students will design pages from scenarios on handouts.
- Students will design original web pages based on a Requirements Document.
- Students will use presentation and multimedia software to design, create, import data/graphics/scanned images/sound/video, edit, format, sequence, and produce presentations.
- Students will use sound web design principles and web page software to create and modify web sites for individuals and organizations.
- Students will have basic understanding of the history of Internet, web design and HTML.

Course Outline

1. Background of web design and the Internet
2. Adobe Photoshop
3. Principles of Web Design
4. HTML
5. Adobe Dreamweaver

Teaching Methods

The course is taught through lecture, readings, group work, presentations and discussion of concepts and current computer news items. Students apply the concepts on the computer when doing problems and exercises.

Assessment

Tests on computer
Accuracy and completion of daily assignments
Projects

Materials

Adobe Dreamweaver CC Revealed by Sherry Bishop, 2015; Publisher: Cengage & Web Development & Design Foundations with HTML5, 7th Edition, by Terry Felke-Morris; Publisher: Pearson 2015.