

COURSE OUTLINE

MASS-280

Web Design and Production I

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course is an overview and introduction to creating websites. Taught from a design perspective, students will use Adobe Photoshop and Dreamweaver to create detailed sitemaps, design interfaces, produce web graphics, and construct complete websites ready for publishing on the web. Emphasis is on a thorough understanding of HTML and solid, reliable site construction using Adobe Dreamweaver. Prerequisite: ARTT - 112. (4 hours weekly) NOTE: Also listed as ARTT-280.

Overall Course Objectives

Upon completion of this course, the student will be able to:

1. Understand and produce hand-coded HTML
2. Create graphics for inclusion in websites
3. Evaluate and apply web design conventions to create interface designs
4. Design comprehensive navigation architecture/effective navigation
5. Use Adobe Dreamweaver to produce HTML pages and manage websites
6. Utilize basic behaviors in Adobe Dreamweaver
7. Publish a website on the web
8. Understand functions of web server software

Major Topics

- I. Understanding HTML/HTML Basics/Hand-coding
- II. Adobe Dreamweaver
- III. Web Graphic Production
- IV. Website design
 - a. Navigation/site structure
 - b. Interface design
- V. Website Production
 - a. HTML Planning
 - b. Graphics production
 - c. HTML Production
 - d. Testing/Publishing

Course Requirements

Grading/Exams: Each student will complete a portfolio of four complete websites, the last of which will be completely designed and built by the student, and accompanied by a detailed sitemap of navigation architecture.

Other Course Information

This course is a Humanities and an Arts and Science elective.