

Common Course Outline

CINS 146

Authoring Web Pages

3 Semester Hours

The Community College of Baltimore County

Description

Introduces web page design techniques using an authoring tool such as Macromedia Dreamweaver or Microsoft FrontPage. The student will use the web page design software to create web pages that include headings, lists, hyperlinks, graphics, tables, frames, and forms. Topics include effective use of graphics, fonts, colors, navigation tools, markup language elements, design techniques, and connecting to a database. Upon completion, the student should be able to create functional web pages. Some time will be spent covering HTML basics, and comparing web page authoring products.

Prerequisites: CINS 101 or CINS 155 or consent of Program Director

Overall Course Objectives

Upon successfully completing the course students will be able to:

1. Use basic design principles to create an effective web page
2. Use a software product to create, test and modify a Web site
3. Describe the difference between basic web page navigational structures.
4. Define Web site/page terminology
5. Explore the various ways an image can be captured for placement in a Web page
6. Describe the difference in the graphic formats that are available for use on a web page
7. Design a web site that effectively links multiple web pages
8. Use tables to enhance the layout of a web page
9. Describe the advantages and disadvantages of using frames on a web page and identify the components of frames pages
10. Use HTML to manage the web page environment.

11. Connect to a database

Major Topics

- I. Introduction to product
- II. Site Definition and management
- III. Using HTML with software product
- IV. Page design considerations
- V. Tables
- VI. Images
- VII. Linking and navigation
- VIII. Frames
- IX. Style sheets
- X. Forms
- XI. Database connection

Course Requirements

Grading: Grading procedures will be determined by the faculty member, will be provided the first week of class, and will include:

1. Minimum of 7 projects
2. Minimum of 2 tests
3. Comprehensive final or web page project

Other Course Information

This course is required in the General IT degree option, and is an IT elective.
This course is taught in a computerized environment.

Date Revised: 1/6/03