

Prepared by the Department of Business

Date of Departmental Approval: March 1, 2006

Date approved by Curriculum and Programs: April 26, 2006

Effective: Fall 2006

1. **Course Number:** GIT183
Course Title: Web Site Design and Scripting
2. **Description:** Learn the basics of Web site design including text formatting, graphics, animations, color, layout, linking. This project-based course requires the student to develop a well-designed Web site using HTML, DHTML, and Javascript.
3. **Student Learning Outcomes** (instructional objectives; intellectual skills): Upon successful completion of this course, students are able to do the following:
 - Identify and evaluate the various elements of Web site construction with emphasis on audience awareness
 - Use interactive Web site design techniques to combine text, graphics, and other multimedia objects effectively
 - Explain the dynamic, global nature of a Web site
 - Use HTML, DHTML, Cascading Style Sheets, JavaScript, and Acrobat to produce a well-designed web site
 - Explain and use Web graphics formats including GIF and JPG
 - Use horizontal layout, color, and linking to create user-friendly, eye-appealing web design
 - Use search properties including metafiles
 - Find Internet resources for Web site development
 - Explicate Web site maintenance procedures
 - Work effectively in a small group
4. **Credits:** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisites:** GIT110
7. **Semester(s) Offered:** Fall, Spring
8. **Suggested General Guidelines for Evaluation:** The final grade is based on an evaluation of hands-on exercises, a midterm, an analytical paper, and a team web site project. The team project evaluation must be at least 20 percent of the final grade.
9. **General Topical Outline (Optional):** Identifying web site elements and introduction of web design; Creating an HTML document; Controlling HTML text; Understanding Web creator roles and users; Adding graphics and multimedia; Defining the information domain; Building teams for Web site project; Using forms; Structuring and decomposing information; Working with tables; Using Adobe Acrobat; Using frames; Analyzing and composing text; Designing Web pages; Scripting for HTML; Analyzing and Composing Links; Working with Dynamic HTML; Specifying styles and controlling content dynamically; Analyzing and composing multimedia; Using Java applets; Using advanced features of DHTML; Maintaining and improving Web sites.