CIS 162: Applications for Web Development

This course provides students with advanced Web theory and graphics. Students will learn how to analyze the needs and desires of the client or company as related to its Web presence and translate these objectives and goals into appropriate Web architecture. Students will also explore e-commerce issues relevant to this design. Students will work with software packages for graphics and Web page creation and learn to implement the graphic and interactive needs into the Web architecture. Pre or co-requisite: CIT 131, or permission of instructor. Three lecture hours per week. Instructional Support Fee applies. Gen. Ed. Competencies Met: Information Literacy.

Course Student Learning Outcomes

1. Perform a needs analysis for a client and translate client needs into the site architecture.
2. Identify copyright infringement and the importance of abiding by copyright laws.
3. Work with software packages and tools to implement graphic and photo enhancements as well web development.
4. Identify and implement an attractive design that is appropriate for the site audience.
5. Identify usability concerns and implement solutions.
6. Implement optimization techniques to maximize search engine placement.

Credits: 3
Program: Computer Information Systems