CIS 243 - Web Development III: Introduction to PHP

5.0 Credits
Topics include: Server-side scripting for web pages using PHP. Students will learn fundamentals of PHP scripting including functions, logical structure, and database connectivity used in creating web sites. Prerequisite: CIS 242 with a minimum grade of 2.5 or equivalent experience.

Course Objectives

Upon successful completion of this course, students will be able to:

1. Review Internet protocols and the use of Internet protocols on the World Wide Web. [REASON]
2. Identify and understand the differences between client-side and server-side scripting. [REASON]
3. Use the appropriate script, client-side or server-side, to complete an interactive website. [REASON]
4. Use the Document Object Model to interact with a Web page. [REASON]
5. Use properties, methods and event handlers associated with the Document Object. [REASON]
6. Create and use scripting variables and data types using appropriate naming conventions. [REASON]
7. Use arithmetic, comparison and logical operators in a scripting language. [REASON]
8. Create procedures and re-usable functions in a scripting language. [REASON]
9. Describe how server-side scripting is processed by a Web server and create pages which include server-side scripting. [COMMUNICATE]
10. Use the request object to retrieve information supplied by a Web user to a form. [REASON]
11. Create an interactive website using a database. [REASON]