

CIS 241 - Web Development I

5.0 Credits

Internet and intranet Web site development using XHTML approached from a source code perspective. Covers tags, forms, linked objects, CSS, frames, tables, and introduction to the use of scripting. Students build multi-page Web sites. Prerequisite: [CIS 100](#) and [CS 115](#) (was CMPSC 115) or concurrent enrollment with minimum grades of 2.5 or equivalent.

Course Objectives

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

1. Perform content and technical analysis on web applications and websites. [REASON]
2. Use XHTML to develop, debug, maintain and document web applications and websites. [REASON]
3. Implement standardized application / site design. [REASON]
4. Compare and contrast different browser's effects on XHTML documents. [REASON]
5. Use the basic principles of Web documents. [REASON]
6. Control the appearance of a Web Page through the use of XHTML tables. [REASON]
7. Create a website with frames. [REASON]
8. Use XHTML forms. [REASON]
9. Create XHTML style through inline, embedded and Cascading Style Sheets. [REASON]