

## WEB DEVELOPMENT TECHNOLOGY (WDT)

- 1123 Web Development Concepts.** (3)  
This course is an introduction to the Internet and its uses in the world of business. It includes basic and advanced features of the Internet, World Wide Web, browsers, listservers, and creating web pages. Upon completion of this course, students will be able to create a personalized home page and post it on the Internet, download files using a browser and an FTP program, and send e-mail messages. Two lecture and two lab hours per week.
- 1314 Client-Side Programming.** (4) Prerequisite: WDT 1123  
This course offers a comprehensive understanding of programming using JavaScript and CSS. Two lecture and four lab hours per week.
- 1414 Web Design Applications.** (4) Prerequisites: WDT 1123 or CNT 1513 or CPT 1513  
Application of various professional and personal web design techniques. Students will work with the latest WYSIWYG editors, HTML editors, animation/multi-media products, and photo editors. Two lecture and four lab hours per week.
- 2214 Server-Side Programming I.** (4) Prerequisite: WDT 1314  
This course is an introduction to creating dynamic web applications using server-side technologies. Two lecture and four lab hours per week.
- 2224 Server-Side Programming II.** (4) Prerequisite: WDT 2214  
This course is a continuation of Server-Side Programming I with increased emphasis on data-driven content. Two lecture and four lab hours per week.
- 2614 Website Development.** (4) Prerequisite: WDT 2214  
This course is the culmination of all concepts learned in the Web Development Technology curriculum. Emphasis will be placed on portfolio development, web design and development, maintenance, security, and evaluation. Two lecture and four lab hours per week.
- 2723 E-Commerce Strategies.** (3) Prerequisite: WDT 2214  
This course provides opportunities for students to examine strategies and products available for building electronic commerce sites, examine how such sites are managed, and explore how they can complement an existing business infrastructure. Students get hands-on experience implementing the technology to engage cardholders, merchants, issues, payment gateways, and other parties in electronic transactions. Two lecture and two lab hours per week.
- 2823 Web Server.** (3) Prerequisite: CPT 1333  
This course introduces students to web, e-mail, and proxy servers and the platforms on which they reside. Students will be able to install and configure web, e-mail, and proxy servers. Two lecture and two lab hours per week.