CS 3140 : WEB APPLICATION DEVELOPMENT

Semester Hours: 3.0  
Contact Hours: 3

Coordinator: Jadwiga A. Carlson

Text: Fundamentals of Web Development

Author(s): zyBooks: Web Development

Year: 2021

SPECIFIC COURSE INFORMATION

Catalog Description:

A survey of web technologies and emerging web standards, protocols, markup languages, and scripting languages. Both client-side and server-side technologies and scripting languages are covered. Prerequisite: CS 2010.

Course type: SELECTED ELECTIVE

SPECIFIC COURSE GOALS

- I can use client and server-side scripting languages.
- I can design simple web applications that users interact with.
- I can articulate reasonable client-server solutions for certain web applications.
- I have developed project management skills related to web development.
- I can demonstrate technical skills required of web developers.

LIST OF TOPICS COVERED

- Protocols and standards
  - Hypertext Transfer Protocol (HTTP)
- Markup languages
  - Hypertext Markup Language (HTML)
  - Cascading Style Sheets (CSS)
- Extensible Hypertext Markup Language (XHTML)
- Client-side technologies
  - JavaScript
  - DOM
- Server-side technologies
  - SQL
  - PHP