CS 3140 : WEB APPLICATION DEVELOPMENT

Semester Hours: 3.0  Contact Hours: 3
Coordinator: Robert Green
Text: Fundamentals of Web Development
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Year: 2015

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