CSCI 1720  
Intermediate Topics in Web Development

Credit Hours: 3

Contact Hours: 3

Course Coordinator: Jessica Keup

Text(s): None

Catalog Description:

This course covers topics to help students develop professional and innovative (client-side only) Web applications. Topics include current tools and techniques to increase the usefulness and effectiveness of Web sites, advanced Web style guidelines, integration of current Web standards, graphic design theory, appropriate use of colors, writing for the Web, introduction to usability testing, and real-world implementation considerations.

Prerequisite(s): CSCI 1710

CS: MAJOR ELECTIVE
IS: MAJOR ELECTIVE
IT: MAJOR ELECTIVE

Course Outcomes:

Write valid xhtml strict code according to W3C guidelines - ETSU Outcomes 5c, IT-1b; ABET Outcome IT-j

Write valid CSS style rules according to W3C guidelines - ETSU Outcomes 5c, IT-1b; ABET Outcome IT-j

Design web templates for various site styles using appropriate colors, graphics and writing - ETSU Outcomes 5c, IT-1b; ABET Outcome f

Implement and test for general web site usability - ETSU Outcome IT-3; ABET Outcomes g, IT-l

Major Topics:

XHTML and CSS validation

Graphics and the web

Colors and the web

Writing and the web

Design templates and techniques

Usability testing for the web

Web site styles (informational, transactional, relationship building, etc.)