

Course Information

Course Title	Web Design Tools
Course Prefix, Num. and Title	ITSE 1301 - Web Design Tools
Division	Technology and Business
Department	Computer Science
Course Type	WECM Course
Course Catalog Description	Designing and publishing Web documents according to World Wide Web Consortium (W3C) standards. Emphasis on optimization of graphics and images and exploration of tools available for creating and editing Web documents.
Pre-Requisites	Grade C or better in IMED 1301
Co-Requisites	None

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours:	3:2:2
Lab/Other Hours	
Equated Pay Hours	3
Lab/Other Hours Breakdown: Lab Hours	2
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	0
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Prepared by:		
Department Head:		
Division Chair:		
Dean/VPI:		
Approved by CIR:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

Creating and designing a web site
How to design for the computer medium, user, accessibility, and the screen
How to plan a well-organized web site
Site specifications and usable navigation
Publishing and testing a site
Cascading Style Sheets (CSS)
Web interface design principles and guidelines
Typographic specifications for the web
Graphics file formats for the web
Computer color basics
Ethical ramifications of the web

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

Develop Web pages using industry standard software; develop and manage a website; and identify how the Internet functions with specific attention to the World Wide Web and file transfer.

Methods of Assessment:

Individual/Group Assignments
Individual/Group Projects
Written Assignments/Research Papers
Reading Assignments
Presentations
Labs/Assignments
Portfolios
Quizzes/Tests/Exams/Certifications
Critiques/Discussions
Surveys
Attendance/Participation

Required text(s), optional text(s) and/or materials to be supplied by the student:

Required:

Bishop, Sherry. 2010. Adobe Dreamweaver CS5 Revealed. ISBN-10:1111130663

Beard, Jason. 2010. The Principles of Beautiful Web Design. 2nd Edition.

ISBN-10: 098057689X

16 – GB (min) USB thumb/flash drive

High Speed Internet

Suggested Course Maximum:

FBTC 143: 16

SL-George- 218: 20

List any specific or physical requirements beyond a typical classroom required to teach the course.

Computer Lab w/ a computer per student and instructor

Baseline Computer Stats:

3.4 Ghz or higher

16 GB of memory or higher

Graphic Card: 2048 MB, 256-bit GDDR5 6008 MHz (effective), 192.26 GB/s or higher

26"-30" inch monitor

Projector w/ screen

Adobe Suite- CS6

Submission System (Blackboard or an equivalent or server space)

Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

Quizzes, Exams: 0-10%

Written Assignments: 5-15%

Lab/Assignments: 30-60%

Project: 20-40%

Attendance/Participation: 5-10%

Curriculum Checklist:

Administrative General Education Course (from ACGM, but not in WCJC Core) – No additional documents needed.

Administrative WCJC Core Course. Attach the Core Curriculum Review Forms

Critical Thinking

Communication

Empirical & Quantitative Skills

Teamwork

Social Responsibility

Personal Responsibility

WECM Course -If needed, revise the Program SCANS Matrix and Competencies Checklist