



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title – Web Design Tools

Course Prefix and Number – ITSE 1301

Department - Computer Science

Division - Technology & Business

Course Type: (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours #: Lecture Hours #: Lab/Other Hours #: 3:2:2

Equated Pay hours for course - 3

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.

Prerequisites/Co-requisites – Grade C or better in IMED 1301

| |
|--------------------------|
| List Lab/ Other Hours |
| Lab Hours 2 |
| Clinical Hours 0 |
| Practicum Hours 0 |
| Other (list) 0 |

Prepared by: Natalie Pittman

Date: 9-12-2014

Reviewed by Department Head: Donna Schilling

Date: 6-24/2015

Accuracy Verified by Division Chair: David Kucera

Date: 8/12/15

Approved by Dean or Vice President of Instruction: Leigh Ann Collins

Date: 12-18-15



I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, 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

II. Course Learning Outcomes

| Learning Outcomes | Methods of Assessment |
|---|---|
| <p>Upon successful completion of this course, students will:</p> <p>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.</p> | <p>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</p> |

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Required:

- Bishop , Sherry. 2010. Adobe Dreamweaver CS5 Revealed. ISBN-10:1111130663
- Beaird, Jason. 2010. The Principles of Beautiful Web Design. 2nd Edition. ISBN-10: 098057689X

- 16 – GB (min) USB thumb/flash drive
- High Speed Internet

IV. Suggested Course Maximum –

- FBTC 143: 16
- SL-George- 218: 20

V. List any specific spatial 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)

VI. 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%

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed

- **Academic WCJC Core Course**
Attach the Core Curriculum Review Forms

- Critical Thinking
- Communication
- Empirical & Quantitative Skills
- Teamwork
- Social Responsibility
- Personal Responsibility

- **WECM Courses**
If needed, revise the Program SCANS Matrix & Competencies Checklist.