



**TRINITY VALLEY COMMUNITY COLLEGE
MASTER SYLLABUS**

Course Title:

Web Page Development I

Course Prefix and Number:

IMED 1316

Department – Division:

Business and Computer Science

Course Type – select from one of the following categories.

- **Academic General Education Course** (from ACGM – but not in TVCC Core)
- **Academic TVCC Core Course**
- **WECM Courses**

Semester Credit Hours: Lecture Hours: Lab/other hours

Semester Credit Hours	Lecture Hours	Lab/Other* Hours
3	3	0

Course Catalog Description

Instruction in the use of the Internet, Internet services, and the fundamentals of HTML, web page design, and web site development.

Prerequisites/co requisites

COSC 1301 or approval of instructor.

Topical Outline

1. Identify how the Internet functions with specific attention to the Word Wide Web and file transfer.
2. Develop a basic web page using HTML and XHTML
3. Design a web page

4. Apply design techniques in the creation and optimization of graphics and other embedded elements
5. Design a web page with tables
6. Design a web page with tables and frames
7. Create web page forms
8. Demonstrate the use of World Wide Web Consortium (W3C) formatting and layout standards.
9. Work with cascading style sheets
10. Use multimedia on the web
11. Work with XHTML
12. Work with JavaScript
13. Create, design, test, and debug a web site

Course Learning Outcomes

Upon completion of this course the learner will be able to . . .

- Describe the different types of web page editing applications
- Design web pages using HTML coding including:
 - Various types of links into web pages (internal, relative, absolute, graphical)
 - Various types of page organizations (headings, lists, tables & frames)
 - Cascading Style Sheets to format pages
 - Interactive forms and other scripts
 - Various types of multimedia files (graphics, sounds, videos)
- Transfer files (FTP) to a server
- Copy/Download existing files (sound, video & script files) from the Internet
- Discuss and analyze web pages for effective, accessible design techniques
- Develop an understanding of intellectual property issues including free speech, censorship, cross-cultural publishing, and responsibility

Relationship to General Education Outcomes – In addition to the core competencies, Trinity Valley Community College has established ten general education goals which specify knowledge and skills that students should gain from completing courses in the various component areas of the core curriculum. Information regarding curriculum and assessment as a means for the improvement of student learning through the general education component is considered.

Mark with an "X"	General Education Outcome
X	A. To communicate clearly and effectively in both oral and written English.
	B. To improve reading skills focused on comprehending, analyzing, interpreting, and evaluating printed materials.
	C. To understand mathematical information and utilize mathematical skills.
	D. To demonstrate qualitative and quantitative critical thinking skills.
	E. To understand and appreciate cultural and ethnic diversity.
X	F. To utilize computer based technology in accessing information, solving problems, and communicating.
	G. To recognize and evaluate artistic achievements in the visual and performing arts.
	H. To improve basic understanding of political, economic, and social systems.
	I. To demonstrate knowledge of the physical universe and living systems.
	J. To develop skills and strategies to become an engaged learner.

Required Text(s)

Copy of the current textbook from the Trinity Valley Community College Bookstore

Optional Text(s)

none

Material/Technology to be supplied by the student

- Easy access to reliable Internet connection
- Flash drive (removable USB disk as storage device)

Course Requirements/Grading System

METHODS OF INSTRUCTION:

Instruction will be by lecture/demonstration/discussion with emphasis on student teacher interaction and cognitive processes.

METHODS OF EVALUATION:

Students will be evaluated by written testing of facts, theories, principles, and their application.

Approvals – the contents of this document have been reviewed and are found to be accurate.

Prepared by	Signature	Date
Department Head	Signature	Date
Division Chair	Signature	Date
Vice President	Signature	Date