

Kansas State University – Salina
CMST 135, Web Page Development I
Summer 2007

Department:	Department of Engineering Technology
Section:	Computer Systems Technology
Curriculum:	Web Development Technology
Course:	CMST 135
Title:	Web Page Development I
Prerequisites:	Previous use of PC software
Lecture:	Online by arrangement
Credit Hours:	3
Instructor:	Bill Genereux
Office:	STC 161
Voice:	785-826-2927
E-mail:	billgx@ksu.edu
Office Hours:	As posted outside office door; or by appointment
Required Text:	HTML and XHTML By Carey ISBN 0-619-26747-X
Web Page:	http://www.sal.ksu.edu/faculty/billgx/
Beginning Date:	June 2, 2008
Final Date:	June 27, 2008
Catalog Description:	Concepts of communications across the Internet, differences in browsers, and the technology required to create web pages are covered. Web page design and implementation with HyperText Markup Language (HTML) is a major topic and is covered in depth. Students are required to develop several Web page laboratory assignments outside of class.
Recommended Materials:	Most students use a removable USB Jump/flash drive to keep backup copies of their work during the semester.
Software:	Text Editor – <i>Web Editors such as Front Page or Dreamweaver are not permitted!</i>
Attendance:	The course is designed to build upon knowledge gained in previous sections. Successful students will diligently complete each section tutorial and maintain regular contact with the instructor.
Grading and Assignments:	All work submitted for grading must be published and viewable on the World Wide Web. There are several options available for making this happen, but all work will be viewed and graded online. I will grade all assignments that are properly submitted to K-State Online within one week after they are due. All assignments that are submitted through e-mail or other means after the due date will be graded during the winter holiday break.

	% of Final Grade	Grading Scale
Class Participation and Discussion	30%	A = 90% and above
Homework & Quizzes	40%	B = 80% and above
Project	30%	C = 70% and above D = 60% and above F = 59% and below

The instructor reserves the right to make adjustments to this scale as necessary.

- Incompletes** In extreme circumstances, a grade of "Incomplete" can be given if the student is unable to finish the required coursework by the end of the semester. Incompletes are a courtesy extended by the instructor to students who, *through no fault of their own*, are unable to finish the course due to an emergency or other hardship. It is expected that the student will have already satisfactorily completed a significant portion of the course before requesting a grade of "Incomplete."
- Conduct** Feel free to engage in any behavior that does not cause a problem for someone else in the class. The instructor is a member of the class. If a problem does occur, the person who caused the problem gets to fix it.
- Academic Honesty** "Plagiarism and cheating are serious offenses and may be punished by failure on the exam, paper or project; failure in the course; and/or expulsion from the university."
"A prominent part of the Honor System is the inclusion of the Honor Pledge which applies to all assignments, examinations, or other course work undertaken by undergraduate students. The Honor Pledge is implied, whether or not it is stated: 'On my honor, as a student, I have neither given nor received unauthorized aid on this academic work.'" For more information see <http://www.ksu.edu/honor/>
- Disabilities** Any student with a physical or learning disability requiring special accommodations should meet with the instructor immediately to make any required special arrangements.
- Copyright Notice** Copyright 2008 by Bill Genereux as to this syllabus and all lectures. During this course, students are prohibited from selling notes to or being paid for taking notes by any person or commercial firm without the express written permission of the professor teaching this course.

Graduates of the Computer Systems Technology option will demonstrate:

A. Technical Skills and Knowledge.

1. Knowledge of computer hardware, architecture and digital logic.
2. Knowledge of operating systems and programming language processing.
3. Knowledge of current computer programming tools, techniques and languages.
4. Knowledge of current tools and techniques of database systems, Web technology, and computer networking.
5. Ability to apply current tools and techniques in the design of database systems, stand alone applications, web technology and computer networking
6. Ability to build, operate and maintain a complex database system, Internet web site, stand alone application or local area network.

B. Creative Design, Application and Lifelong Learning.

1. Ability to analyze, design, implement, test, and document stand alone computer programs.
2. Ability to creatively solve problems by analyzing, designing, and implementing computer information systems
3. Ability to apply project management techniques to the development of a computer system.
4. Application of mathematics to computer systems at or above the level of algebra and trigonometry.
5. A commitment to life-long learning.
6. A commitment to quality and continuous improvement.

C. Communication.

1. Write clear and effective technical documents and reports.
2. Verbally communicate technical information to a variety of audiences.

D. Professional Behavior in a Diverse World.

1. A respect and understanding of diversity in the workplace.
2. An ability to work effectively on teams.

E. Professional Development.

1. Knowledge of professional ethics and social responsibility.
2. Awareness of the impact of technology on society.

After completing this course, the student should be able to do the following:

1. Design a basic webpage with HTML using a text editor.
2. Identify errors and revise HTML tags to produce specified output.
3. Create a web page form for data manipulation.
4. Utilize cascading style sheets for site consistency.
5. Include multimedia content in webpages.
6. Research and report on new developments in web technology.

Program Outcome	A						B						C		D		E	
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	1	2	1	2
Rating Scale	1	0	0	3	2	2	0	2	2	0	1	2	2	2	1	1	1	1

Rating Scale:

3: Outcome highly addressed in this course. Topics are fully introduced, developed, and reinforced throughout the course in lectures, labs, homework assignments, and/or exams to develop an "applications knowledge" of the topic. Extensive activities with data collection, feedback, and improvement.

2: Outcome moderately addressed in this course. Topics are often introduced, developed, and reinforced in several lectures, labs, homework assignments, and/or exams to develop a "working knowledge" of the topic. Limited activities, data collection, feedback, and improvement.

1: Outcome slightly addressed in this course. Topics are occasionally introduced in lectures, labs, homework assignments, and/or exams to develop an "awareness" of the topic. Minimal activities, data collection, feedback, and improvement.

0: Outcome not addressed in this course.