Course Information

Course title: **Special Topics: Programming for the Web**   **Spring 2007**
Course number: **M&IS 44095** section 001
Course description: An introduction to XHTML, JavaScript, PHP and MySQL

Location: BSA 209   Meeting day: TR   Meeting time: 12:30-1:45 PM

Instructor Information
Name: Janet Formichelli, MS
Email: jformich@kent.edu
Office location: BSA A410
Office hours: TR 2:00-3:30, W 2:15-3:15, 4:15-5:15
Phone: 330-672-1159

Prerequisite: M&IS 24070 Principles of System Development; jr/sr standing

Students attending the course who do not have the proper prerequisite risk being deregistered from the class.

Enrollment: Students have responsibility to ensure they are properly enrolled in classes. You are advised to review your official class schedule (using Web for Students) during the first two weeks of the semester to ensure you are properly enrolled in this class and section. Should you find an error in your class schedule, you have until Friday, January 26, 2007 to correct the error with your advising office. If registration errors are not corrected by this date and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you **will not** receive a grade at the conclusion of the semester for any class in which you are not properly registered.

Course Goals: To create Web pages using XHTML and JavaScript. To do server-side scripting using PHP. To create XML documents and schemas.

Summary of key components of the course:

Fundamentals

- World Wide Web

- Web browsers

- Web servers

- URLs

- Internet mail extensions

- HTTP

XHTML

- XHTML and HTML

- Basic formatting elements
- Lists
- Links
- Images
- Tables
- Forms
- Cascading Style Sheets

JavaScript

- Syntax
- Operations and expressions
- Control Statements
- Functions and objects
- Arrays
- Forms and form elements
- Pattern matching

SQL

- SELECT
- WHERE
- ORDER BY
- INSERT
- UPDATE
- DELETE

PHP

- String processing and regular expressions
- Viewing client/server environment variables
- Form processing and business logic
- Verifying a user name and password
- Connecting to a database

- Cookies

Textbook: Sebesta, Robert, <u>Programming</u> <u>the</u> <u>World</u> <u>Wide</u> <u>Web</u>, Third Edition, Addison-Wesley, 2003. ISBN: 0-321-30332-6

WebCT

The WebCT site at <u>http://vista.kent.edu</u> will basically manage the course. The syllabus, assignments, Power Point slides, and other course information will be found there. If you need help with Vista, there is a link to Learning with Vista—Student Training Modules on the MyWebCT page.

Course Requirements

6 assignments: (35 points each) 175 points

3 exams: (50 points each) 150 points

Final project and presentation: 25 points

Grading Scale

For general information on the new plus/minus grading system, go to: <u>http://business.kent.edu/news/plusminus.asp</u> For more information, there is an online brochure at: <u>http://www.uss.kent.edu/PDF/pm_grading_brochure.pdf</u>

This scale is followed closely. There is no rounding up if you are close.
There is no extra credit.

A	(4.0)	93-100
A-	(3.7)	90-92
B+	(3.3)	87-89
B	(3.0)	83-86
B-	(2.7)	80-82
C+	(2.3)	77-79
C	(2.0)	73-76
C-	(1.7)	70-72
D+	(1.3)	67-69
D	(1.0)	60-66
F	(0.0)	0-59

Office Hours

Office hours are listed above. If you regularly attend class and labs, but need extra help with assignments, you may receive it during office hours. The instructor's computer does not have a floppy disc drive. So for help with debugging a program, either have it

on the server or e-mail your assignment to yourself using your Kent address or bring in a CD or USB flash drive.

Labs
There will be a lab the last half hour of class every Thursday during which you can also get help from the instructor. The labs will take place in BSA 224.

E-mail

When there are schedule changes or other announcements, the instructor will e-mail you using your KSU e-mail address. Check this frequently. If you commonly use another address, forward your Kent e-mail to that address. You can do this easily on the Kent Help Desk site at: http://helpdesk.kent.edu/faq/Email/fmail/

To e-mail the instructor use: jformich@kent.edu or jformich@ameritech.net . Do not e-mail the instructor at WebCT.

Attendance

Missing class is not an excuse for failure to understand material or complete assignments. Material covered in class will not be covered again outside of class. It is up to you to read the material and get notes from another student if you miss class. Do not expect any special help or privileges if you do not attend class regularly.

Homework Assignments

Assignments are to be submitted to WebCT. Absence from class is not an excuse for not having submitted the assignment. You may re-submit assignments up to the time the assignment is due with no penalty. After that, late assignments will be penalized 10% per day (not per class session). Assignments can not be submitted after one week beyond the due date.

Make-up Exams

Make-up exams are given only under extraordinary circumstances. Inform the instructor as soon as possible (ideally before the exam). Some form of written excuse for absence from an exam is required.

Academic Honesty

University Policy:
Cheating means to misrepresent the source, nature, or other conditions of your academic work (e.g., tests, papers, projects, assignments) so as to get undeserved credit. The use of the intellectual property of others without giving them appropriate credit is a serious academic offense. It is the University's policy that cheating or

plagiarism result in receiving a failing grade for the work or course. Repeat offenses result in dismissal from the University.

Course Policy:

Academic honesty is expected and required. HELPING fellow students is acceptable, and is actually a very good way to learn the material (particularly with debugging programs). COPYING is NOT acceptable, and will result in loss of credit for the assignment, and possibly failure of the course for all students involved. Follow these guidelines:

All work on the design and basic coding phase of a program should be your own. That is, sitting in a group writing a program together is considered to be copying.

If you receive help with debugging part of an assignment, then you must acknowledge that help in the documentation of that section (your grade will not be affected).

If you give help to another student, then it is your responsibility to make sure that they fully understand the concepts. You may help them to debug the program, but you may not give them code.

If copying programs is suspected, both (or all) students involved will receive zeros for that assignment at the least, and possibly a failure for the course. DO NOT GIVE OTHERS YOUR CODE. If they ask you for it, ask to see theirs instead and help them debug.

Students with Disabilities

University policy 3342-3-18 requires that students with disabilities be provided reasonable accommodations to ensure their equal access course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

Schedule Spring 2007

Week 1	Tuesday	Jan. 16	Fundamentals		
	Thursday	Jan. 18	XHTML and HTML; XHTML Basics		lab
Week 2	Tuesday	Jan. 23	XHTML CSS		
	Thursday	Jan. 25	XHTML CSS		lab
Week 3	Tuesday	Jan. 30	XHTMLImages, XHTMLTables		
	Thursday	Feb. 1	XHTMLForms		lab
Week 4	Tuesday	Feb. 6		Exam 1--XHTML	
	Thursday	Feb. 8	JSIntro, go over Exam 1	Assignment 1	
Week 5	Tuesday	Feb. 13	JSIntro, JSArith		
	Thursday	Feb. 15	JSSelection		lab
Week 6	Tuesday	Feb. 20	JSSelection, JSIteration		
	Thursday	Feb. 22	JSIteration, JSFunction		lab

Week 7	Tuesday	Feb. 27	JSFunction, JSArrays		
	Thursday	Mar. 1	JSArrays, JS Forms		lab
Week 8	Tuesday	Mar. 6	JSArrays, JS Forms		
	Thursday	Mar. 8	no class	work onAssignment 2	lab
Week 9	Tuesday	Mar. 13	JSForms	Assignment 2	
	Thursday	Mar. 15	JSStringAndDateObject		lab
Week 10	Tuesday	Mar. 20	JSStringAndDateObject	Exam 2--JavaScript	
	Thursday	Mar. 22	go over Exam 2	Assignment 3	lab
	Sunday	Mar. 25	last day to withdraw		
	Tuesday	Mar. 27	spring break		
	Thursday	Mar. 29	spring break		
Week 11	Tuesday	Apr. 3	PHP		
	Thursday	Apr. 5	PHP		lab
Week 12	Tuesday	Apr. 10	PHP-functions & form processing		
	Thursday	Apr. 12	PHP-functions & form processing	Assignment 4	lab
Week 13	Tuesday	Apr. 17	MySQL		
	Thursday	Apr. 19	MySQL		lab
Week 14	Tuesday	Apr. 24	MySQL		
	Thursday	Apr. 26	office hours during class		
Week 15	Tuesday	May 1	course evaluation	Exam 3--PHP & MySQL	
	Thursday	May 3	Go over Exam 3		
	Saturday	May 5, midnight	(May 6 12:00 AM)	Assignment 5	
Week 16	Wednesday	May. 9	12:45-3:00 PM	Web Site Evaluation by Students	