

**Web Programming
M&IS 24065
Fall 2012**

Section: 002
CRN: 15649
Location: BSA 205
Meeting Day: MW
Meeting Time: 12:30-1:45 PM

Section: 003
CRN: 22211
Location: Satterfield 121
Meeting Day: R
Meeting Time: 6:35-9:20 PM

Instructor Information:

Name: Professor Janet Formichelli, MS

E-mail: jformich@kent.edu

Office Location: BSA A410

Office Hours: M 3:30-5:30 PM

W 4:30-5:30 PM

R 4:15-6:15 PM

Office Phone: 330-672-1159, during office hours (e-mail preferred)

Course description:

An introduction to programming, Web design and databases using HTML, CSS, PHP and MySQL

Prerequisite:

M&IS 24053, Computer Applications

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 Student Tools on FlashLine) 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 Sunday, September 9, 2012 to correct the error. 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.

Learning Outcomes:

- Learn about and use the principles of visual design as applied to Web site interface development using HTML5 and CSS3
- Learn the basics of programming in PHP in order to process Web forms and access databases
- Learn basics of JavaScript to add interactivity to Web sites
- Learn how to develop a Web-based database-driven interactive information system for e-commerce

Summary of key components of the course:

HTML5

- Intro to Internet & WWW
- HTML Basics
- CSS
- Images & Web Design
- Page Layout & Accessibility
- Tables
- Forms

PHP

- Variables & Operators
- Controlling Program Flow
- Arrays
- Functions
- Working with SQL and the MySQL database

JavaScript

- Intro to JavaScript
- Calculations
- Selection & Iteration
- Functions
- Arrays
- Forms

Textbooks:

Title: Web Development and Design Foundations with HTML5
Author: Terry Felke-Morris
ISBN: 978-0-13-278339-2
Publisher: Addison Wesley
Pub. Date: February 17, 2012

Title: PHP
Author: Vikram Vaswani

ISBN: 978-0-07-154901-1
Publisher: McGraw-Hill Osborne
Pub. Date: October 2, 2008

Other helpful books can be found on Safari, a Web site where many technology books are available in their entirety. As a KSU student, you have access to this site. Go to Flashline's Courses tab, scroll down and the link is on the left. But from your own computer at home you have to have the KSU VPN installed and turned on. If you do not already have this software on your computer, go to "Instructions for Use of the Server" on Blackboard Learn.

Two books, in particular, on Safari that might be helpful for you in this course are:
Williams, Robin. The Non-Designer's Design Book. Third Edition.

and

Jennifer Niederst Robbins, Web Design in a Nutshell, Third Edition,
O'Reilly Media, 2006. ISBN 978-0-596-00987-8

Software:

As mentioned above, go to Blackboard Learn and find the file "Instructions for Use of the Server". Besides directions for obtaining the KSU VPN, you will also find instructions for downloading and using the SSH Client software which you will need for this course. Later in the course there will be instructions for downloading xampp, which will let you run PHP on your own computer.

Blackboard Learn

The Blackboard Learn site, <https://learn.kent.edu>, will basically manage the course. The syllabus, assignments, Power Point slides, and other course information will be found there. If you need help with Blackboard Learn, there should be some training material on the site after you log on.

Course Requirements:

5 assignments: (35 points each)	175 points
3 exams: (50 points each)	<u>150 points</u>
Total:	325 points

Grading Scale:

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

Once I have completed grading for the semester I will enter grades into Blackboard Learn and on Flashline. Per university policy, "once grades are submitted, they are final and will not be changed except in the cases of administrative error". There are no exceptions to this policy.

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

Labs:

There will be a lab the last half hour of class most weeks, during which you can work on assignments and also get help from the instructor. The labs will take place in BSA 224. If you elect not to attend labs, please do not expect me to help you during office hours. If you do go to labs and need more help, feel free to come to my office. But I have many students and I am making time for you during class, so please use this time if you need it.

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. In your Google e-mail, go to Settings and then Forwarding and POP/IMAP.

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 help during office hours or by e-mail if you do not attend class regularly.

Homework Assignments:

Assignments are to be submitted to Blackboard Learn. 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:

College of Business 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. In addition, it is considered to cheating when one cooperates with someone else in any such misrepresentation. 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. 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 3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to 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 Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

Graduation:

If you are eligible to graduate, it is your responsibility to apply for graduation before the set deadline (May Graduation: Apply before September 15th August Graduation: Apply before December 15th December Graduation: Apply before March 15th) If you apply after the deadline you will be assessed a \$200 late fee. Please see your academic advisor as soon as possible if you are uncertain as to your progress toward graduation. To apply for graduation complete the following steps: Log onto your Flashline account 1. Click on the Student Tools tab, 2. Look in the Graduation Planning Tool Box, 3. Click on Application for Graduation
If an error message appears, you must contact your advisor.

See Tentative Schedules for Section 002 & Section 003 Below

Tentative Schedule Fall 2012			section 002	
Week 1	Monday	Aug. 27	Intro to Internet & WWW	Chp. 1
	Wednesday	Aug. 29	HTML Basics; SSH	Chp. 2
Week 2	Monday	No Class	<i>Labor Day</i>	
	Wednesday	Sept. 5	CSS	Chp. 3
Week 3	Monday	Sept. 10	Images & Web Design	Chp. 4 & 5
	Wednesday	Sept. 12	Tables	Chp. 8
Week 4	Monday	Sept. 17	Page Layout & Accessibility	Chp. 6
	Wednesday	Sept. 19	Forms	Chp. 9
	Friday	Sept. 21	Assignment 1	
Week 5	Monday	Sept. 24	Forms	Chp. 9
	Wednesday	Sept. 26	Exam 1--XHTML & CSS	
Week 6	Monday	Oct. 1	Introducing PHP	Chp. 2
	Wednesday	Oct. 3	Using Variables & Operators	Chp. 2
Week 7	Monday	Oct. 8	Using Variables & Operators	Chp. 2
	Wednesday	Oct. 10	Controlling Program Flow	Chp. 3
	Friday	Oct. 12	Assignment 2	
Week 8	Monday	Oct. 15	Controlling Program Flow	Chp. 3
	Wednesday	Oct. 17	Working With Arrays	Chp. 4
Week 9	Monday	Oct. 22	Working With Arrays	Chp. 4
	Wednesday	Oct. 24	Working With Arrays	Chp. 4
	Friday	Oct. 26	Assignment 3	
Week 10	Monday	Oct. 29	Working With Arrays	Chp. 4
	Wednesday	Oct. 31	Working With Functions	Chp. 5
	Sunday	Nov. 4	<i>Last Day to Withdraw</i>	
Week 11	Monday	Nov. 5	MySQL	
	Wednesday	Nov. 7	MySQL	
Week 12	Monday	No Class	<i>Veteran's Day</i>	
	Wednesday	Nov. 14	MySQL	
Week 13	Monday	Nov. 19	Exam 2--PHP & MySQL	
	Wednesday	No Class	<i>Thanksgiving</i>	
	Friday	Nov. 23	Assignment 4	
Week 14	Monday	Nov. 26	JavaScript Intro, Arithmetic	
	Wednesday	Nov. 28	JavaScript Selections, Functions	
Week 15	Monday	Dec. 3	JavaScript Arrays, Forms	
	Wednesday	Dec. 5	JavaScript Forms; Course Evaluation	
	Friday	Dec. 7	Assignment 5	
Week 16	Thursday	Dec. 13	Exam 3--JavaScript	
		10:15-- 12:30 PM		

Tentative Schedule Fall 2012			section 003	
Week 1	Thursday	Aug. 30	Intro to Internet & WWW HTML Basics; SSH	Chp. 1 Chp. 2
Week 2	Thursday	Sept. 6	CSS	Chp. 3
Week 3	Thursday	Sept. 13	Images & Web Design Tables	Chp. 4 & 5 Chp. 8
Week 4	Thursday	Sept. 20	Page Layout & Accessibility Forms	Chp. 6 Chp. 9
	Friday	Sept. 21	Assignment 1	
Week 5	Thursday	Sept. 27	Forms Exam 1--XHTML & CSS	Chp. 9
Week 6	Thursday	Oct. 4	Introducing PHP Using Variables & Operators	Chp. 2 Chp. 2
Week 7	Thursday	Oct. 11	Using Variables & Operators Controlling Program Flow	Chp. 2 Chp. 3
	Friday	Oct. 12	Assignment 2	
Week 8	Thursday	Oct. 18	Controlling Program Flow Working With Arrays	Chp. 3 Chp. 4
Week 9	Thursday	Oct. 25	Working With Arrays Working With Arrays	Chp. 4 Chp. 4
	Friday	Oct. 26	Assignment 3	
Week 10	Thursday	Nov. 1	Working With Arrays Working With Functions	Chp. 4 Chp. 5
	Sunday	Nov. 4	<i>Last Day to Withdraw</i>	
Week 11	Thursday	Nov. 8	MySQL MySQL	
Week 12	Thursday	Nov. 15	MySQL Exam 2--PHP & MySQL	
Week 13	Thursday	No Class	<i>Thanksgiving</i>	
	Friday	Nov. 23	Assignment 4	
Week 14	Thursday	Nov. 29	JavaScript Intro, Arithmetic JavaScript Selections, Functions	
Week 15	Thursday	Dec. 6	JavaScript Arrays, Forms JavaScript Forms; Course Evaluation	
	Friday	Dec. 7	Assignment 5	
Week 16	Thursday	Dec. 13	Exam 3--JavaScript	
		5:45--8:00 PM		