Web Programming
M&IS 24065
Spring 2013

Section: 001
CRN: 15510
Location: BSA 117
Meeting Day: TR
Meeting Time: 12:30-1:45 PM

Section: 003
CRN: 21025
Location: Bowman 137
Meeting Day: TR
Meeting Time: 5:30-6:45 PM

Instructor Information:
Name: Professor Janet Formichelli, MS
E-mail: jformich@kent.edu
Office Location: BSA A410
Office Hours:
>   M 12:30-1:30 PM
>   T   2:00-2:45, 4:30-5:15 PM
>   W 12:30-1:30 PM
>   R   2:00-2:45, 4:30-5:15 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, January 27, 2013 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: <u>Web Development and Design Foundations with HTML5</u>
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)   150 points
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 Schedule Below

Week 1	Tuesday	Jan. 15	Intro to Internet & WWW	Chp. 1
	Thursday	Jan. 17	SSH	Chp. 2
Week 2	Tuesday	Jan. 22	HTML Basics	Chp. 2
	Thursday	Jan. 24	HTML Basics	Chp. 2
Week 3	Tuesday	Jan. 29	CSS	Chp. 3
	Thursday	Jan. 31	CSS	Chp. 3
Week 4	Tuesday	Feb. 5	CSS	Chp. 3
	Thursday	Feb. 7	Images	Chp. 4
	Friday	Feb. 8	**Assignment 1**	
Week 5	Tuesday	Feb. 12	Page Layout & Accessibility	Chp. 6
	Thursday	Feb. 14	Tables	Chp. 8
			Forms	Chp, 9
Week 6	Tuesday	Feb. 19	Forms	Chp, 9
			Introducing PHP	Chp. 1
	Thursday	Feb. 21	**Exam 1--XHTML & CSS**	
Week 7	Tuesday	Feb. 26	Introducing PHP	Chp. 1
	Thursday	Feb. 28	Using Variables & Operators	Chp. 2
	Friday		**Assignment 2**	
Week 8	Tuesday	Mar. 5	Controlling Program Flow	Chp. 3
	Thursday	Mar. 7	Controlling Program Flow	Chp. 3
Week 9	Tuesday	Mar. 12	Working With Arrays	Chp.3 & 4
	Thursday	Mar. 14	Working With Arrays	Chp. 4
	Friday	Mar. 15	**Assignment 3**	
Week 10	Tuesday	Mar. 19	Working With Arrays	Chp. 4
	Thursday	Mar. 21	Working With Arrays	Chp. 5
	Sunday	Mar. 24	***Last Day to Withdraw***	
	Tuesday	Mar. 26	***Spring Break***	
	Thursday	Mar. 28	***Spring Break***	
Week 11	Tuesday	Apr. 2	Working With Functions	Chp. 5
	Thursday	Apr. 4	MySQL	
	Friday	Apr. 5	**Assignment 4**	

Week 12	Tuesday	Apr. 9	MySQL	
	Thursday	Apr. 11	MySQL	
Week 13	Tuesday	Apr. 16	MySQL	
	Thursday	Apr. 18	**Exam 2--PHP & MySQL**	
Week 14	Tuesday	Apr. 23	JavaScript Intro, Arithmetic	
	Thursday	Apr. 25	JavaScript Selections, Functions	
	Friday	Apr. 26	**Assignment 5**	
Week 15	Tuesday	Apr. 30	JavaScript Arrays, Forms	
	Thursday	May 2	JavaScript Forms; Course Evaluation	
Week 16			**Exam 3--JavaScript**	
	Thursday	May 9	12:45-3:00 PM	section 001
	Tuesday	May 7	5:45-8:00 PM	section 003