



COURSE SYLLABUS

Course Number IT-125-A (48840)	Course Title WEB DEVELOPMENT		
Fall Semester	Spring Semester XXX	Summer Semester	Year 2017 XXX
Name of Instructor Dr. Martin Suydam			
Meeting Day, Time, and Room Number 01/18/2017-05/10/2017 LECTURE Wednesday 9a - 11:45a, Ballston 4040, Room 410			
Final Exam Day, Time, and Room Number 5/10/2017, 9a-1145a, Ballston 4040, Room 410			
Office Hours, Location, Phone Wednesday, Ballston 4040, Room 427,12n-6p; 703-405-0921			
E-mail and Web Site msuydam@marymount.edu ; http://marymountarl.net/			

UNIVERSITY STATEMENTS

Academic Integrity

By accepting this syllabus, you pledge to uphold the principles of Academic Integrity expressed by the Marymount University Community. You agree to observe these principles yourself and to defend them against abuse by others.

Special Needs and Accommodations

Please advise the instructor of any special concerns or needs at the beginning of the semester. If you seek accommodation based on disabilities, you should provide a Faculty Contact Sheet obtained through the Office of Student Access Services, located in Rowley Hall.

Access to Student Work

Copies of your work in this course including copies of any submitted papers and your portfolios may be kept on file for institutional research, assessment and accreditation purposes. All work used for these purposes will be submitted anonymously.

Student Copyright Authorization

For the benefit of current and future students, work in this course may be used for educational critique, demonstrations, samples, presentations, and verification. Outside of these uses, work shall not be sold, copied, broadcast, or distributed for profit without student consent. Items submitted for this course also may be submitted to TurnItIn.com for analysis.

University Policy on Weather and Emergency Closings

Weather and Emergency closings are announced on Marymount's web site, through MUAAlerts, area radio stations, and TV stations. You may also call the Weather and Emergency Hotline at (703) 526-6888 for current status. Unless otherwise advised by local media or by official bulletins listed above, students are expected to report for class as near normal time as possible on days when weather conditions are adverse. Decisions as to inclement closing or delayed opening are not generally made before 6:00 AM and by 3:00 PM for evening classes of the working day. Emergency closing could occur at any time making MUAAlerts the most timely announcement mechanism. Students are expected to attend class if the University is not officially closed. If the University is closed, course content and assignments will still be covered as directed by the course instructor. Please look for communication from course instructor (e.g., Blackboard) for information on course work during periods in which the University is closed.

1. COURSE DESCRIPTION

The Web has many roles today and one of them is an important means of communication whether for business, government, non-professional, or individual use.

The purpose of the course is practical: to help understand how to design and develop a sophisticated Web site for a specific purpose.

This is a hands-on course designed to introduce students to the process of designing, building, and managing a Web site. Students will work on a real-world Web server, developing projects either for their own business or other purposes.

The course provides students with the knowledge and skills to develop and maintain dynamic, client-side Web pages using HTML, Cascading Style Sheets (CSS), and JavaScript. Server-side programming techniques are introduced (e.g., SSI, PHP).

The course text weaves a continuing case study of a real-world commercial enterprise that gradually grows in sophistication through a series of 5 Mini-Projects and culminating in a student-created business website Final Project.

In sum, with its hands-on, active-learning approach, students become skilled in the many levels and capabilities of programming for the Web. (3 credits)

2. BROAD PURPOSE OF COURSE

The course is designed to expose students to the variety of tools and techniques that may be found in the business world to develop static and interactive Web pages. The course involves a considerable amount of in-class hands-on lab activities and students must be prepared to work on each assignment in class with the help of their classmates.

3. COURSE OBJECTIVES

Upon successful completion of this course, students will be expected to:

- Examine the Web environment and identify know what makes a good Web site including content, writing, navigation and usability;
- Write an HTML page using HTML5;
- Create an HTML form and add dynamic content using JavaScript;
- Use Cascading Style Sheets (CSS) on Web pages to control a Web site.
- Create a well-formed HTML document and validate it against a DTD;
- Describe the various Web environments including Web2.0 initiatives;
- Create a Web page including a blog;
- Examine server-side technologies;
- Select between the various Web development strategies to meet a specific need; and
- Understand the ethical considerations associated with Web site development

4. TEACHING METHOD

- a. The class meets one day a week for lecture, discussion, and hands-on experiences. Additional clinics may be given for students who need further learning experiences.
- b. Attendance is mandatory. If you know ahead of time that you will miss class, let me know by email (e.g., athletic events, illness, emergency, etc.). If for any reason you cannot meet a particular deadline, notify me beforehand.
- c. Canvas is used for grading, class communications, and group and individual work submission.
- d. The separate class website accessed at the following URL provides all assignments and materials needed for classes:
- e. The course is taught by a variety of techniques that require students to be actively engaged in the classroom. Students will be expected to prepare for class by reviewing material from the textbook and other articles, videos, and websites selected by the professor. Class time will involve some lectures, but will be largely devoted to discussions and to hands-on activities. Students will be expected to use common tools such as MS Office and MS Visio. If you are unfamiliar with the tools to be used, please follow the links to learning materials and learn the tools outside the classroom so that you can be competent in the class. Students will be expected to write and present their findings throughout the course, both individually and as part of a team.
- f. Use of Electronics - During this class, the use of laptop computers or iPads is permitted. However, any student found to be using the device for activities other than class work will be barred from further in-class use of any device. The use of cell phone is not encouraged and must be turned silent during the class meeting time.
- g. Honor Code - Students are expected to abide by the University Honor Code for all work. Quizzes and Exams will always have a discussion of the Honor Code and student responsibilities at the beginning of the testing. Students are encouraged to collaborate with one another on homework and projects. However, work submitted **MUST BE** the work of the student and presumes student complete understanding of requirements. Academic Integrity is important at Marymount University. Each assignment must have as the last page a page that includes the following paragraphs. Otherwise, your assignments will not be graded.

"This assignment is all my own work and contains no Plagiarism. All text, diagrams or other materials copied from other sources (including, but not limited to, books, journals and the internet) have been clearly acknowledged and referenced as such in the text by the use of 'quotation marks' (or indented italics for longer quotations) followed by the author's name and date [e.g. (Byrne, 2008)] either in the text or in a footnote/endnote. These details are then confirmed by a fuller reference in the bibliography. I understand that only assignments which are free of plagiarism will be awarded points. I have completed the Academic Integrity Tutorial."

5. GRADING POLICY

Students are evaluated based on (% identifies percent of course grade for each element):

- 5 Individual Mini-Projects @10% each – 50%
- 5 Quizzes @5% each – 25%
- Final Project/Presentation @25%

The final grade for the course is based on the following distribution:

- 93-100% A; 90-92% A-;
- 87-89% B+; 84-86% B; 80-83% B-;
- 77-79% C+; 74-76% C; 70-73% C-;
- 67-69% D+; 64-66% D; 60-63% D-;
- 0-59% F

January 24, 2017 Last day to late register or add a class

January 24, 2017 Last day to drop a class with 100% refund of tuition and fees

January 31, 2017 Last day to drop a class with 75% tuition refund

February 7, 2017 Last day to drop a class with 50% tuition refund; no refunds after this date

February 17, 2017 Last day to drop a class without academic record

6. CLASS SCHEDULE (Electronically accessed at: <http://marymountarl.net/MIT125SS17/files/esyllabus.html>)



Home	Instructor	Marymount Login	Canvas LMS	Search	General Course Info	Links for Class	Course Resources
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IT125 Web Programming Spring Semester 2017 e-syllabus

Date This Page Last Updated: 04/12/2017

Week	Date	Topics	Chapters	Classnotes	MP/Quiz
1	1/18/2017	Course Introduction & Web Access	Chap 1	Classnotes1	
2	1/25/2017	HTML Basics	Chap 2	Classnotes2	
3	2/01/2017	CSS for Content Presentation	Chap 3	Classnotes3	MP1 (Chap 2) MP1 Grad
4	2/08/2017	Visual Elements & Graphic	Chap 4	Classnotes4	Q1 (Chaps1-3)
5	2/15/2017	Web Design	Chap 5	Classnotes5	MP2 (Chaps 3 & 4) MP2 Grad
6	2/22/2017	Page Layout	Chap 6	Classnotes6	
7	3/01/2017 WebEx Class	Web Presentation	Chap 7	Classnotes7	Q2 (Chaps 4-6)
8	3/06-12/2017	SPRING BREAK			
9	3/15/2017 WebEx Class	Tables	Chap 8	Classnotes9	
10	3/22/2017 WebEx Class	Forms & Web Development	Chap 9 & 10	Classnotes10	MP3 (Chaps 6-8) MP3 Grad
11	3/29/2017 WebEx Class	Web Multimedia & Interactivity	Chap 11	Classnotes11	Q3 (Chaps 7-10)
12	4/05/2017	Web Multimedia & Interactivity & Intro to e-Commerce	Chap 12	Classnotes12	MP4 (Chaps 9-11)
13	4/12/2017	Web Promotion & JavaScript Introduction	Chap 13	Classnotes13 ^{NEW}	Q4 (Chaps 11-12)
14	4/19/2017	JavaScript & Server-side Coding (SSI & PHP)	Chap 14	Classnotes14 ^{NEW}	Q5 (Chaps 13-14)
15	4/26/2017	No Class - MU Student Research Conference			MP5 (Chaps 12-14)
16	5/03/2017	Final Project Preparation			
17	5/08-13/2017	Final Exam Period - Final Project Presentation			Final Project 5/10/2017

7. REQUIRED TEXT

Web development and design foundations with HTML5 / Terry Ann Felke-Morris. Description: 8th edition.
Identifiers: LCCN 2015041952 | ISBN 9780134322759 | ISBN 0134322754

8. REQUIRED OR SUGGESTED READINGS OR AUDIO-VISUAL MATERIALS

See Class website: <http://marymountarl.net/MIT125SS17/files/esyllabus.html>