

CSCI306: Web Page Design III

1.	Course Prefix and number	CSCI 306
2.	Number of semester hours	3 An undergraduate student should expect to spend on this course a minimum of two hours outside the classroom for every hour in the classroom. The outside hours may vary depending on the number credit hours or type of course. More details are available from the faculty member or department office and in CMU's <i>Curriculum Policies and Procedures Manual</i> .
3.	Pre-requisites	CSCI 206
4.	Location of classroom and time course meets	WS 120 14:00-14:50 Mon, Wed, Fri
5.	Intstructor Web Page	Dr. Warren MacEvoy http://www.coloradomesa.edu/~wmacevoy
6.	Office Hours	See my web page.
7.	Course Description	Continuation of CSCI 206. Students will consider web site management issues, server-side scripting, security, and database interactions.
8.	General Education Objectives	This is not a general education class.
9.	Textbook and Materials	I recommend <u>Beginning PHP and MySQL: From Novice to Professional</u> , by Gilmore, 3rd edition as a reference.
10.	Course Objectives	To understand technical aspects of developing web sites, including server-side scripting and databases and server configurations.
11.	Policy on	Showing up is good for your mojo.

	absences and tardies	
12.	Policy on late work	If a student needs more time on an assignment, the instructor needs to be contacted before the assignment is due.
13.	Policy on academic dishonesty	You may be given a failing grade on a project or the course overall for academic dishonesty.
14.	Disability Arrangements	In coordination with Educational Access Services, reasonable accommodations will be provided for qualified students with disabilities. Please meet with the instructor the first week of class to make arrangements. Educational Access Services can be contacted at 248-1801, or in person in Houston Hall, Suite 108.
15.	Evaluation and grading	Tests and assignments will be graded on a combination of objective and subject basis. Students that do more than is required on an assignment, and demonstrate the knowledge of web page development will achieve higher grades. The major goal of this class is to produce a quality <i>dynamic</i> web site that serves some purpose.
16.	Major assignments	The most important assignment will be the development of your own web pages. Progress on the content and structure of these pages will be the major component of your course grade.
17.	Course Topics	See below

17-Aug	Mon 18-Aug 1	Wed 20-Aug 2	Fri 22-Aug 3
24-Aug	Mon 25-Aug 4	Wed 27-Aug 5	Fri 29-Aug 6
31-Aug	Mon 01-Sep 7	Wed 03-Sep 8	Fri 05-Sep 9
7-Sep	Mon 08-Sep 10	Wed 10-Sep 11	Fri 12-Sep 12
14-Sep	Mon 15-Sep 13	Wed 17-Sep 14	Fri 19-Sep 15
21-Sep	Mon 22-Sep 16	Wed 24-Sep 17	Fri 26-Sep 18
28-Sep	Mon 29-Sep 19	Wed 01-Oct 20	Fri 03-Oct 21

5-Oct	Mon 06-Oct 22	Wed 08-Oct 23	Fri 10-Oct *Fall Break*
12-Oct	Mon 13-Oct 24	Wed 15-Oct 25	Fri 17-Oct 26
19-Oct	Mon 20-Oct 27	Wed 22-Oct 28	Fri 24-Oct 29
26-Oct	Mon 27-Oct 30	Wed 29-Oct 31	Fri 31-Oct 32
2-Nov	Mon 03-Nov 33	Wed 05-Nov 34	Fri 07-Nov 35
9-Nov	Mon 10-Nov 36	Wed 12-Nov 37	Fri 14-Nov 38
16-Nov	Mon 17-Nov 39	Wed 19-Nov 40	Fri 21-Nov 41
23-Nov	Mon 24-Nov *Thanksgiving*	Wed 26-Nov *Thanksgiving*	Fri 28-Nov *Thanksgiving*
30-Nov	Mon 01-Dec 42	Wed 03-Dec 43	Fri 05-Dec 44
7-Dec	Mon 08-Dec 3:00-4:50 Final	Wed 10-Dec *Finals*	

DAY	TOPIC	DESCRIPTION
1	lamp	lamp
2	config/1	install and configure apache
3	config/2	install and configure php
4	config/3	install and configure mysql
5	config/4	install and configure ide
6	static/1	x/html css 1
7	static/2	x/html css 2
8	static/3	x/html css 3
9	static/4	x/html css 4

10	dynamic/1	javascript 1
11	dynamic/2	javascript 2
12	dynamic/3	javascript 3
13	dynamic/4	jquery
14	php/1	
15	php/2	
16	php/3	
17	present/1	basic web site
18	sql/1	
19	sql/2	
20	sql/3	
21	present/2	php web site
22	login/1	
23	login/2	
24	login/3	
25	test	php/sql test
26	review/1	design goals
27	review/2	design goals
28	ajax/1	web 2.0
29	ajax/2	web 2.0
30	ajax/3	web 2.0
31	js/1	js framework 1
32	js/2	js framework 2
33	js/3	js framework 3

34	test	create php page
35	cms/1	
36	cms/2	
37	cms/3	
38	libs/1	
39	libs/2	
40	libs/3	
41	fw/1	web frameworks
42	fw/2	web frameworks
43	fw/3	web frameworks
44	present/1	
45	present/2	

Assignments

Assignment: Due Fri Sep 26 - some dynamic database-driven content on at least 2 pages.

VMWare Player / Fusion

Ubuntu 12.04 LTS (64 bit better, 32 bit more compatible)

sudo apt-get install tasksel

sudo tasksel

[space to get *'s on openssh and lamp]

[tab to OK, give a root password for mysql]

GIT

<http://rogerdudler.github.io/git-guide/>

CSS, HTML and Javascript

[jquery mobile](#)

[Can I use... Support tables for HTML5, CSS3, etc](#)

<http://code.google.com/edu/ajax/tutorials/intro-to-js.html>

Google: HTML, CSS, and Javascript from the Ground Up

<http://code.google.com/edu/submissions/html-css-javascript/>

jQuery Fundamentals

<http://jqfundamentals.com/book/index.html>

https://docs.google.com/spreadsheet/ccc?key=0AiBPjWWp3nRqdDJ6QkNUMnhuSEs5ZTNhbjdXUldYMGc&hl=en_US

Emacs ref card: <http://www.damtp.cam.ac.uk/user/eglen/ess11/resources/emacs-refcard.pdf>

ubuntu lamp server

get ubuntu-12.04-server-i386 and install a base system

```
sudo apt-get install lamp-server^
```

```
sudo apt-get install phpmyadmin
```

```
sudo apt-get install ssh
```

```
sudo chown -R <user>:<user> /var/www
```

```
sudo ln -s /etc/php5/apache2/php.ini /etc/apache2/conf.d
```

espeakup install:

ubuntu-12.04-server.i386.iso

```
sudo apt-get update
```

```
sudo apt-get upgrade
```

```
sudo apt-get install linux-headers-$(uname -r)
```

```
sudo apt-get install alsa
```

```
sudo apt-get install speakup  
sudo apt-get install espeakup  
echo "speakup_soft" >> /etc/modules  
echo "#!/bin/bash" >> /etc/init.d/speakup  
whereis speakup >> /etc/init.d/speakup
```