



## **CST 336/CST 352 – Internet Programming/Web Scripting Syllabus - Fall 2013**

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### **Course Information**

Credits: 4.0

Prerequisites: Prerequisites: CST 221 or CST 231

Lectures: TR, 4:00P – 5:50P, Building 18, Room 104

### **Course Description**

This course is designed to provide students with dynamic web application development skills, focusing on the PHP, MySQL, and JavaScript. Coverage includes the Internet architecture, HTML, CSS, programming with PHP, database and MySQL, and client-side programming with JavaScript.

### **Instructor**

Name: Miguel Lara, PhD

Email: [milara@csumb.edu](mailto:milara@csumb.edu)

Phone : (831) 582-5038

Office: Bldg. Room 140

### **Office Hours**

Monday 4:00PM – 6:00PM

Wednesday 4:00PM – 6:00PM

Or by appointment

### **Course Web Site**

<http://ilearn.csumb.edu/>

Additional course information and announcements will be available on this site. It is student's responsibility to check this site frequently.

### **Required Textbooks**

[Learning PHP, MySQL, JavaScript, and CSS, 2nd Edition](#)

Publisher: O'Reilly Media

By: Robin Nixon

ISBN: 978-1-4493-1926-7

Year: 2012

[Sams Teach Yourself HTML, CSS, and JavaScript All in One](#)

Publisher: SAMS Publishing

By: Julie Meloni

ISBN: 978-0-672-33332-3

Year: 2011

[Sams Teach Yourself PHP, MySQL and Apache All in One, 5th Edition](#)

Publisher: SAMS Publishing

By: Julie Meloni

ISBN: 978-0-672-33543-3

Year: 2012

**Optional Textbook**

Title: [PHP and MySQL for Dynamic Web Sites: Visual QuickPro Guide](#)

Author: Larry Ullman

Publisher: Peachpit Press

ISBN-13: 978-0-321-784007-0

**Course Outcomes:** Upon completion of this course, students should be able to

- Read and write HTML and CSS using common tags.
- Create interactive forms and dynamic web pages.
- Write PHP programs using variables, arrays, functions and control structures.
- Create and manipulate database schema
- Use web-based database administration tools
- Write MySQL queries to select, insert, update, and delete records in PHP
- Explain the basic concepts of functions and objects in JavaScript
- Create database-driven websites using PHP, MySQL and JavaScript.

**Main Topics:**

- HTML
- CSS
- PHP
- MySQL
- phpMyAdmin
- JavaScript
- Advanced topics, if time permitted

**Exams**

- Midterm: October 17, 2013 (Thursday) in class.
- Final: December 17, 2013 (Tuesday) in class. Final exam will be comprehensive.
- All exams are closed book.
- A calculator is not necessary for the exams.

- No re-grading will be accepted one week after the graded assignment is returned to the students.
- No makeup exams will be allowed, except in extreme emergency cases. Students are advised to let the instructor know beforehand, if possible.

### **Quizzes**

- Quizzes will be held regularly in class.
- Quiz date will be announced in advance a few days before the quiz.
- There is no makeup for quizzes.

### **Projects and Assignments**

- Programming projects and problem solving assignments will be given throughout the semester.
- Late submission will be penalized 20% after the due date. Assignments handed in more than 48 hours later will not be accepted.
- No re-grading will be accepted one week after the graded assignment is returned to the students.
- Students are expected to be able to present their assignments and projects to the class on the due date.

### **Grading Policy**

Class Participation (attendance, quizzes, presentations, In-class exercises)	10%
Assignments	15%
Midterm	20%
Final Exam	20%
Team Project	15%
Individual Project	20%

Grade		
A	100	93 ≥
A-	93 <	90 ≥
B+	90 <	87 ≥
B	87 <	83 ≥
B-	83 <	80 ≥
C+	80 <	76 ≥
C	76 <	70 ≥
F	70 <	0

## **Attendance**

Students are expected to be regular and punctual in class attendance. Students are responsible for all materials covered in lectures and class labs.

## **Note to Students with Disabilities**

Students with disabilities who may need accommodations please contact me as soon as possible during office hours. Optionally you could also contact:

Student\_Disability\_Resources@csumb.edu  
Building 47, Student Services, First Floor  
Phone: 831/582-3672 voice, or 582-4024 fax/TTY  
<http://sdr.csumb.edu/>

## **Classroom Conduct**

The CSUMB Mission Statement reads in part:

"To build a multicultural learning community founded on academic excellence from which all partners in the educational process emerge prepared to contribute productively, responsibly, and ethically to California and the global community."

All students are required to show respect to their fellow students and the Instructor. Personal attacks, humiliating or degrading comments, verbal or written, are very serious matters, and will be treated as such.

## **Academic Integrity Policy in This Class**

Cheating of any kind will not be tolerated at all in this class. You are responsible for your own original work on all assignments, labs, homework, projects, exams, and all programming code. Two or more students submitting extremely similar code will receive a zero on the assignment and be reported to the academic dishonesty board. There are continual checks of the assignments to be sure that everyone is handing in original code.

<http://csumb.edu/site/x2161.xml>

## **Classroom Expectations**

This course is designed to encourage students learning through experiential activities. The instructor has the role of facilitator in this learning process. Students, as adult learners, are responsible for their own learning. In general, the students may expect to spend at least 8-10 hours outside of class per week on average.

**Attendance** is considered an essential part of your learning experience. If you miss class(es), then the absence(s) cannot be construed as relieving you from the responsibility for the completion of all work assigned by the instructor, and knowing the material presented in the

lecture. The responsibility for obtaining and completing all missed work rests solely upon the student. Students are strongly encouraged to form study groups with at least one or preferably two other students.

All students are expected to be present, and active participants, during class presentations by other teams and/or individuals.

Instructor reserves the right to make copies of any student work for use for ITCD web site, Program Review or related purposes.

There are times when discussions amongst students are encouraged, and there are others when the instructor is trying to present information to the students. Side conversations during lectures interferes with the ability of other students to hear and understand the material being presented, and will not be tolerated. If you want to have a side conversation, please leave the classroom. Anyone disrupting the class will be asked to leave on the first offense, and will be prohibited from coming to lectures after the second offense.

### **Laptops and Cell Phones**

The use of laptops for taking course notes is permitted. There may be occasions when the instructor will ask that laptops be closed for certain class activities. Laptops may also be used to fulfill the instructional purposes of the course, i.e. writing and testing PHP scripts, creating/modifying databases, etc.

Cell phone calls/texting **ARE NOT** permitted under any circumstances. Cell phones **must be turn off** or set on silent.

It is expected that while you are in class you are paying attention, not surfing the web, updating your Facebook status, checking your email, following your favorite sports teams, etc.