

**COMP 94 - Web Design: PHP & MySQL (3 Units)**  
**Bakersfield College - Spring 2016 - CRN: 31014**  
**Instructor:** Bill Moseley - [bmoseley@bakersfieldcollege.edu](mailto:bmoseley@bakersfieldcollege.edu)  
**Phone:** 661-376-0010 (Voice and Text)

**Course Description:**

Class covers the use of PHP and MySQL to create interactive and data-driven web sites.

**Student Learning Outcomes:**

1. Install and configure PHP on a Web Server.
2. Write basic PHP scripts using proper syntax
3. Develop more complex PHP scripts using functions, control structures and arrays.
4. Set up and configure a MySQL database.
5. Read from and write to a MySQL database using PHP.

**Prerequisite:**

Basic internet and computer knowledge highly recommended, but not required.

**Required Materials:**

- You will need to sign up for a web hosting account.
- Book: PHP for the Web: Visual Quickstart Guide 4th Ed. (0-321-73345-2)

**Attendance:**

Your attendance in class will be determined by your participation in the assignments and discussions. If you don't participate, you will be sent a "check up" email to make sure you are not having technical problems. After that, if nothing changes, you may be dropped. If you decide to drop the class, please make sure that you "officially" drop the class online, or at least let me know so that I can get it taken care of.

**Grading:**

Your grade will be determined by the total number of points that you receive on the assignments and quizzes in the class, divided by the number of total points possible for those assignments. There will be a quiz almost every week for 5 points each. There will also be one or two projects a week for 10 points each. The midterm project will be worth 30 points, and the final project will be worth 50 points. Points may also be awarded for participation in class discussions or other activities. Letter grades correspond to percentages as follows:

100% - 90% A  
89.9% - 80% B  
79.9% - 70% C  
69.9% - 60% D

## **Class Policies and Expectations:**

- I expect you to participate in the class discussion forums and journals - In other words, responding to my posts, and to the posts of your classmates. As a rule of thumb, I expect you to respond to all of my posts, and about 50% of the posts of your classmates.
- I expect you to meet deadlines - This course covers a lot of information, and the most dangerous thing you can do is get behind. Late assignments will be accepted at my discretion, but may be docked a portion of the grade. If a late assignment is accepted, then it will be graded during my normal grading time for this class.
- I expect you to communicate with me - If you need more help, if you can't access class materials for some reason, or whatever... Let me know and I will try to work something out with you.
- I expect you to set up your own computer, install your own software and connect to the Internet on your own. I should be your last resort when it comes to technical support for your computer.
- I expect you to make the most of this class by choosing assignments and projects that meet your career interests or your goals for taking this class.
- When you email me, please include the CRN of this class in the subject line. If you do not, then you may not get a response. The CRN is at the top of this syllabus.
- You are welcome to work through the assignments in this class at a faster pace as they become available. Just remember that you are still required to go back and rate your peers' work. Also - I may not grade assignments that you submit early until the normal expected time (usually within 1 week from the due date).

## **What You Can Expect From Me:**

- You can expect a timely response to emails (24 hours, or a couple of days on weekends and holidays).
- You can expect feedback on your assignments and work - If you want more than what I give you, just ask and I'll be happy to give you more.
- You can expect grades for most of your assignments within a week of the due date. The possible exceptions here are the final projects and the midterm.

## **Important Dates:**

01/19/16	First day of classes (for classes not starting on a Saturday)
01/29/16	Last day for a refund for semester length classes
01/31/16	Last day to drop from a semester-length class without receiving a W
02/12/16	Lincoln Day Holiday - Campus Closed
02/15/16	Washington Day Holiday - campus closed
03/21/16 to 03/25/16	Spring Recess
04/01/16	Last day to withdraw from a semester-length class and receive a W
04/01/16	Last day to file for graduation
05/07/16 to 05/13/16	Finals
05/13/16	Commencement
05/13/16	End of Spring Semester

## Schedule of Class Topics (Subject to Minor Changes)

Week #	Topic	Chapters
Week 1	Introductions, setting up, etc.	
Week 2	Basic PHP syntax, comments	1
Week 3	Variables, Forms	2 & 3
Week 4	Data types, strings, operators	4 & 5
Week 5	Control Structures	6
Week 6	Arrays	7
Week 7	PHP and Web Applications	8
Week 8	Midterm Project	
Week 9	Cookies and Sessions	9
Week 10	Creating Functions	10
Week 11	Files and Directories	11
Week 12	Introducing Mysql - SELECT, INSERT	12
Week 13	Delete, UPDATE	12
Week 14	Final Project, Stage 1	
Week 15	Final Project, Stage 2	
Finals Week	Final Project	

### Tutoring & Tools for Success

BC students get free peer one-on-one tutoring in the BC Tutoring Center in most subjects. Students get one 50-minute session per subject per week with a tutor who has successfully completed the class and is trained to be a tutor. We also have drop-in tutoring in math and English all day long. Come up to the Tutoring Center to schedule an appointment. If you have any questions, please call 395-4430 or check us out on-line at <http://bcacademicdevelopmentdepartment.weebly.com/tutoring-center.html>

Please visit the Habits of Mind web site for additional tools to help you succeed:  
[www.bakersfieldcollege.edu/habits-of-mind](http://www.bakersfieldcollege.edu/habits-of-mind)

Library Research Workshops will assist students in learning essential, college-level research skills. Seven different research topics are addressed in separate workshops. Students who attend and evaluate these free workshops rank their usefulness midway between ESSENTIAL and QUITE USEFUL. The workshops begin in the third week of school and last 10 weeks. Attending workshops earlier in the semester is recommended. Not only can students use newly learned skills to improve their research, they will not risk being turned away from a full classroom.

### Students with special needs and disabilities:

Students with disabilities needing accommodation, should make requests to Disabled Students Programs and Services, SS 40 (661-395-4334) or Delano room 1001 (661-720-2000 Delano). All requests for accommodations require appropriate advance notice to avoid a delay in services. Please discuss approved accommodations with me.

In addition, this class may make use of multimedia materials including animation, video and/or audio. If you require special accommodations (like captioning, for example) to access any of these materials, please notify me as soon as possible so that I can make arrangements.