

# Dynamic Website Development CIS-241 30 0

Summer Term 2022-2023 School Year Section 30 0 3.00 Credits 05/15/2023 to 07/21/2023 Modified 05/17/2023

## Course Description

This course addresses the high level of integration of graphics, programming, and dynamic data/information supplied by database management systems (DBMS). The coursework includes discussion and integration of graphics, still images, client and server side scripting languages and data supplied by a DBMS. A PHP/MySQL based electronic portfolio will be developed by each individual student during the course and posted to the Internet to provide potential employers with the student's resume, CIS Programming syllabi and samples of the student's computer programming work in HTML, CSS, JavaScript, PHP, MySQL, C# and Java. Prerequisite: CIS 130, CIS 196

## Outcomes

### Technical Skills

Combine knowledge of HTML, CSS, Javascript and PHP to build dynamic websites

### Critical Thinking

Create a portfolio website utilizing concepts from the course

### Professionalism/Communication

## Course Materials

### Murach's PHP and MySQL

**Author:** Delamater & Murach

**ISBN:** 978-1-943872-38-1

## Evaluation Procedures and Grading

### Criteria

Type	Weight	Topic	Notes
Projects	40%		
Exams	30%		
Portfolio	30%		

## Course Outline

When	Topic	Notes
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When	Topic	Notes
Week 1	Chapter 1: Server Setup/Chapter 2: PHP Intro	
Week 2	Chapter 7: PHP Form Data	
Week 3	Chapter 8: Control Statements	
Week 4	Chapter 11: Arrays	
Week 5	Chapter 12: Cookies and Sessions	
Week 6	Chapter 3: SQL/Chapter 4: SQL and PHP	
Week 7	Chapter 5: The MVC Pattern	
Week 8	Chapter 13: Functions	
Week 9	Chapter 14: Objects	
Week 10	Work Week/Online Snow Makeup Days	(Basically either a week to relax and work on your final(s), or if we need it for something else, such as spending more time on one chapter or whatnot).