Database Web Development
Outline of Instruction

Course Information
Course Number CIS 272
Division Business
Potential Hours of Instruction 45
Total Credits 3

Description
This course covers server-side programming in PHP and the use MySQL for the purpose of creating dynamic Web sites.

Prerequisites
CIS 112, and CIS 150 or CIS 152

Course Outcomes  In order to evidence success in this course, students will be able to:

1. Identify different approaches for creating dynamic Web pages that interact with a database
2. Identify how Web servers interact with database servers and browsers to create dynamic Web pages
3. Identify relational database concepts and how to create queries using MySQL
4. Identify concepts relevant to using client-side scripts, server-side scripts, and compiled server programs
5. Identify when to utilize different dynamic Web application development techniques for particular Web application
6. Create MySQL queries to view, search, insert, update, and delete data
7. Create applications that interact with a database using the Dreamweaver ® data control
8. Create HTML forms and client-side scripts to validate form inputs and create cookies
9. Create server-side scripts that process user inputs and display database data
10. Create compiled server programs to create dynamic Web pages that process user inputs and display database data
11. Create a shopping cart and checkout