

Dynamic Website Development

CIS-241 1

Fall Term 2022-2023 School Year Section 1 3.00 Credits 08/22/2022 to 12/09/2022 Modified 08/21/2022

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

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- Assemble static elements including text, graphics, and pictures into professional appearing web sites
- Develop, test & debug client side JavaScript programs & AJAX/AJAJ client-server programs
- Create, test & debug server side PHP programs
- Use MySQL Database Management System to create database tables for use with Internet applications
- Design attractive, dynamic web sites which integrate Internet applications and databases
- Publish unique websites including static, dynamic and database elements to a remote web server

Course Materials

PHP and MySQL

Author: Joel Murach & Ray Harris

Publisher: Mike Murach & Associates, Inc

Edition: 3rd Edition

ISBN: 978-1-943872-38-1

Availability: Both physical text and eBook on the bookstore website: <https://bookstore.southeasttech.com/>

Evaluation Procedures and Grading

Criteria

Type	Weight
Final Project	20%
Homework	40%
Unit Projects	40%

Breakdown

Grade	Range
A	90-100
B	80-89.99
C	70-79.99
D	60-69.99
F	0-59.99