

# CIS 233P : WEB PROGRAMMING

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## Transcript title

Web Programming

## Credits

4

## Grading mode

Standard letter grades

## Total contact hours

50

## Lecture hours

30

## Other hours

20

## Prerequisites

CIS 133P.

## Recommended preparation

CIS 133JS.

## Course Description

Introduces students to techniques used to create interactive, dynamic content. Students will design interactive user interfaces (using JavaScript and XML) which will interact with custom databases residing on a server (using PHP and MySQL). The course will explore the concepts of event-driven programming to create interactive interfaces using dynamic content. Students will write server-side scripts, design custom databases to both store and provide access to content. The course will conclude with a final project where students will design their own dynamic websites.

## Course learning outcomes

1. Display dynamic content with server-side scripts.
2. Manage sessions and track users with server-side scripts.
3. Query and populate databases with server-side scripts.
4. Provide user authentication with server-side scripts.
5. Create interactive user interfaces with client-side scripts.
6. Interact with dynamic content stored in databases with client-side scripts.