



## CIS 250: Interactive Websites

In this course, students create interactive Web sites using a variety of software that is current in the field. Web development is growing and changing with a wide variety of programming languages and frameworks being developed. Students will work with a variety of languages and tools as they develop sites. Students will also work with server-side data storage and retrieval. Prerequisite: CIS 120 and CIS 122, or permission of the instructor. Three lecture hours per week. Instructional Support Fee applies. Gen. Ed. Competencies Met: Information Literacy.

### Course Student Learning Outcomes

Students who successfully complete Interactive Web Sites will be able to:

1. Develop interactive web sites using a variety of scripts and/or languages (currently Perl/CGI or ASP)
2. Develop interaction with databases using different structures
3. Develop websites that can be used on desktops, pads, and mobile devices, etc.
4. Work with data exchange through XML or similar methodologies
5. Work with protocols that govern web communication

**Credits:** 3

**Program:** Computer Information Systems