



Web Technologies Mission Statement and Educational Goals

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Division:

Business

Discipline:

Web Technologies

Mission Statement

The Web Technologies program at Southwestern Illinois College provides students with the knowledge and skills required for positions in web design and web development. The program promotes lifelong learning and continually assesses student learning, making necessary modifications in teaching as indicated to best prepare students for this career.

Educational Goals

This Discipline/Program at Southwestern Illinois College will graduate students that can:

1. Create and publish responsive Web pages using both client and server side technology that follow the web standards published by the World Wide Web Consortium (W3C).
2. Program using a variety of current web standard and client/server-side scripting languages.
3. Create dynamic, database-driven web sites.
4. Demonstrate knowledge of operating systems and the structure and function of a web server.
5. Apply the concepts of structured programming, object oriented concepts and integrated software to produce web sites.
6. Demonstrate graphic design theory to include the principles of design elements of composition, and typography in the creation of digital media.
7. Create a web design portfolio of work that clearly demonstrates the effectiveness of visual communication.