

SOUTHEAST COMMUNITY COLLEGE
ADVANCED TECHNOLOGIES & SKILLED TRADES DIVISION
Computer Information Technology Program
Revision Date: November 10, 2025

I. CATALOG DESCRIPTION

Course Number: INFO1431
Course Title: Web Page Fundamentals
Prerequisite(s): INFO1171, INFO1215
Catalog Description: Students use HTML5 and CSS3 to create web pages including text, images, hyperlinks, tables and forms. Students develop standard-based web pages using basic design principles and explore the concept of responsive web design.
Credit Hours: 3
Class Hours: 45
Lab Hours: 0
Total Contact Hours: 45

II. COURSE OBJECTIVES: *Course will:*

- A. Introduce html5 elements.
- B. Introduce css3 to enhance the appearance and usability of web pages.
- C. Describe webpage industry best practices and accessibility.
- D. Introduce webpage design concepts.
- E. Examine responsive web designs.
- F. Provide server environment for publishing and maintaining production web sites.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

- A. Student Learning Outcomes: *Student will be able to:*
 - 1. Construct html5 elements to place textual content on a web page.
 - 2. Construct html5 elements to place graphical content on a web page.
 - 3. Construct html5 elements to place interactive content on a web page.
 - 4. Demonstrate css3 usage to enhance appearance of web page text.
 - 5. Demonstrate css3 usage to enhance appearance of interactive web page elements.
 - 6. Demonstrate css3 usage to position and float web page elements.
 - 7. Prepare websites using industry best practices.
 - 8. Create accessible web sites.
 - 9. Identify characteristics of good design concepts.
 - 10. Evaluate websites for use of design concepts.
 - 11. Use media queries to create responsive web pages.
 - 12. Manage pages in a web server environment.
- B. General Education Learning Outcomes (GELOs)
 - 1. GELO #6: Career and Life Skills
Outcome 4: Use digital technology effectively to access, manage, integrate, evaluate, and present information.

IV. CONTENT/TOPICAL OUTLINE

- A.** html5
 - 1.** Text
 - 2.** Images
 - 3.** Links
 - 4.** Lists
 - 5.** Tables
 - 6.** Forms
 - 7.** Multimedia
- B.** css3
 - 1.** Properties to style box model elements
 - 2.** Properties to position elements
- C.** Industry best practices
- D.** Accessibility
- E.** Design concepts
 - 1.** Contrast
 - 2.** Repetition
 - 3.** Alignment
 - 4.** Proximity
- F.** Responsive web design
- G.** Web server environment
- H.** HTML/CSS tools

V. INSTRUCTIONAL MATERIALS

- A.** Required Text(s): The eBook is available through Direct Digital Access (DDA) in Canvas on the first day of class and is billed to your student account.
- B.** Other Resources: Computer and internet access

VI. METHODS OF PRESENTATION/INSTRUCTION

- A.** Methods of presentation typically include a combination of the following:
 - 1.** Technology enhanced lectures
 - 2.** Group discussions
 - 3.** ~~Engaged learning in-class~~ Practice activities

VII. METHODS OF EVALUATION

- A.** Methods of evaluation, although determined by the individual instructor, traditionally includes a combination of the following:
 - 1.** Overall course grade shall consist of the following:
 - a.** ~~Attendance/worksheets~~
 - b.** Activities/Exercises
 - c.** Projects
 - d.** Presentation
 - e.** Quizzes
 - f.** Tests

VIII. SPECIFIC COURSE REQUIREMENTS

- A.** This course will not qualify as a prerequisite if the student receives a final grade below C (70%).