



School of Continuing Education & Workforce Development

Short Term Certificate Programs

WEB DESIGN AND PROGRAMMING CERTIFICATE

Program Overview: Upon completion of the Web Design and Programming Certificate participants will be qualified to work as a computer software engineers, database administrators, and network and computer system administrators.

- ✓ **WEB PAGE DESIGN-BEGINNER (HTML BASICS):** Participants in this course will gain knowledge to design visual content for the web. Learn illustration techniques and effects and how to insert links and graphics. Use the skills learned to become more marketable in a current or future job.
 - ✓ **WEB PAGE DESIGN INTERMEDIATE:** Participants will create a viable and interactive web page. This course will teach the learner how to create image maps, frames and forms, and how to insert submit buttons, reset buttons, and selection menu.
 - ✓ **WEB PAGE DESIGN-ADVANCED:** Participants in this class will build on what was learned during Web Page Design Beginners and Intermediate. Learn advanced HTML Code to make the Web page unique and dynamic.
 - ✓ **JAVA SCRIPT-BEGINNER:** Participants in this course will be introduced to JavaScript programming. Participants will learn to integrate JavaScript and HTML to make web pages interactive. Prior HTML experience is required. Extension end-of-project exercises, including the unique Cases and Places case studies, require critical thinking and reinforce the concepts and skills learned.
 - ✓ **JAVA SCRIPT- INTERMEDIATE:** Participants in this course will utilize real world projects that go beyond the basics to cover such Java Script topics as conditionals, functions, objects, properties, methods, event handlers, forms and frames. Course text defines the problem, analyzes it, and then develops a solution in the most efficient way to help readers understand the Web page development cycle. Prior HTML experience is required. Extensive end-of-project exercises, including the unique Cases and Places case studies, require critical thinking and reinforce the concepts and skills learned.
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