

# Website Development Certificate

Program Number: 90-152-2

## Certificate

Business Technology Program Cluster

School of Agriscience and Technologies

Certificate courses offered completely online

For information call: (608) 246-6800 or  
(800) 322-6282 Ext. 6800

## About the Certificate

Students earning the Website Development Certificate obtain basic Website development skills in demand in today's digital world. They gain hands-on experience by completing course assignments and projects. Students and instructors use email and Web-based discussion to solve problems, provide clarification and maintain contact in general. These certificate classes are delivered as online only, with the exception of Dreamweaver, which is additionally offered in the classroom.

## Certificate Application Process

To apply, see: Apply Online (on the Madison College website). [Create an ApplyWeb account](#) and follow the [instructions](#) to complete the [Online Certificate Application](#) before the [application deadline](#). Submit the \$15 non-refundable fee (payable by credit card, debit card or electronic check) with your application. Applicants may submit more than one certificate application per term using the Online Certificate Application; the same fees apply for each additional application.

## Unique Requirements for Completion

The certificate will be awarded upon completion of the requirements with a minimum of a 2.0 grade average and no course grade lower than a C. The certificate will be awarded when completion of all requirements is verified after the semester the last course has been completed.

No more than 50% of the certificate credits may be through advanced standing.

### Career Potential:

- Web Publisher
- Web Research Specialist
- Web Coordinator

This certificate is for individuals who use the World Wide Web for business or personal use, particularly those that may be called upon to edit, create, or maintain Websites.

More detailed and updated information on this program may be available at: [madisoncollege.org](http://madisoncollege.org). The college reserves the right to make changes in the regulations and courses announced in this publication without notice.

Madison Area Technical College provides equal opportunity in education and employment.

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## Curriculum

Courses	Hrs/week	
	Credits	Lec-Lab
10-152-162 HTML-Beginning.....	1	0.75-2.25
10-152-163 HTML-Dynamic*.....	1	0.75-2.25
10-103-168 Dreamweaver.....	1	0.75-2.25
10-103-167 Fireworks-Beginning.....	1	0.75-2.25
10-103-164 Flash-Beginning.....	1	0.75-2.25
10-103-163 Adobe Photoshop.....	1	0.75-2.25
10-152-165 JavaScript: An Introduction*.....	1	1-0
10-152-164 Website Design Concepts*.....	1	0.75-2.25
<b>Total</b>	<b>8</b>	

\*Prerequisites: HTML-Beginning is required before taking HTML-Dynamic, JavaScript: An Introduction, and Website Design Concepts.

Note: Courses listed in suggested sequence

## Courses

**10-103-163 Adobe Photoshop 1 credit**  
Use this image-editing program to manipulate graphic images. Use palettes, tools, and a variety of techniques to modify images by rotating, resizing, changing color, and adding text. Prerequisite: competency in Windows or Mac OS, and the Internet.

**10-103-164 Flash-Beginning 1 credit**  
Use the Flash software to become familiar with the Flash environment, to draw, to work with symbols and interactivity, and to create animations and special effects.

**10-103-167 Fireworks-Beginning 1 credit**  
Use Fireworks software to become familiar with the Fireworks environment to work with objects, and to import, select, and modify graphics.

**10-103-168 Dreamweaver 1 credit**  
Use Dreamweaver to design, plan, and build a Website; work with text, images, links, and tables.

**10-152-162 HTML-Beginning 1 credit**  
Create Webpages using HTML; control HTML text; add hyperlinks, graphics and multimedia; work with tables; use frames and forms; design Webpages. Prerequisite: competency in Windows or Mac OS, and the Internet.

**10-152-163 HTML-Dynamic 1 credit**  
An introduction to JavaScripting for HTML. Work with Dynamic HTML (DHTML) and Cascading Style Sheets, control content dynamically, position elements with DHTML, implement advanced DHTML features and structure data with XML. Prerequisite: 10-152-162.

**10-152-164 Website Design Concepts 1 credit**  
Use Web-design tools and techniques to plan, create, test, publish, and maintain a Website. Use HTML, Dreamweaver, FrontPage, or other Web authoring software to develop a Website that is user friendly, well-designed, and effective. Prerequisite: competency in Windows and HTML, Dreamweaver, FrontPage, or other Web authoring software.

**10-152-165 JavaScript: An Introduction 1 credit**  
An introduction to programming and object-oriented design concepts using JavaScript. Students learn all the JavaScript programming basics and use a simple text editor as a development environment with web browser plugins for error diagnostics. Design concepts and development tools will be integrated with an emphasis on practical business solutions. Prerequisite: 10-152-162.

