



EDIT 526: WEB ACCESSIBILITY AND DESIGN

Course Information: <https://cehd.gmu.edu/courses/EDIT-526/>

Assistive Technology Initiative (ATI)
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EDIT 526

Course Overview

- *8-week summer course*
- *Course built around 8 asynchronous modules. Each incorporates readings, video (lecture/demo), discussion, and assessments).*
- *3 synchronous sessions were added in Sum 2018 to support hands-on activities.*

Week	Topic	Assessment
1	Simulation Activities	Simulation Lab Report
2	Disability Laws & Guidelines Testing Websites & Software Apps	
3	Testing Websites & Software Apps	Testing a Website for Accessibility
4	Document Accessibility (Word, PPT, PDF/3cr)	Creating an Accessible Word, PPT, & PDF document
5	HTML Basics	Create a Practice Web Page
6	Complex HTML Elements and CSS	
7	Complex HTML Elements and CSS ARIA Accessible Video (3cr)	
8	Final Project	Create an accessible instructional product using HTML & CSS

Sample Resources – Intro to Web Accessibility

Intro to Web Accessibility

- WebAIM – [Intro to Web Accessibility](#)
- W3C – [Intro to Web Accessibility](#)
- UW – [Accessible Web Design](#) (Video)

How Individuals with Disabilities are Impacted on the Web

- WebAIM – [Visual](#), [Auditory](#), [Motor](#), [Cognitive](#)
- W3C – [Web Accessibility Perspectives](#) (Video)

Web Accessibility Testing

- [Easy Checks – A First Review of Accessibility](#)
- Demo Videos (Testing Tools)

Additional Supports:

- Demo Videos (Assistive Technology & the Web)

Sample Resources – HTML & CSS

Web Design & Accessibility (Simulations)

- Codecademy.com ([HTML & CSS](#))
- Textbook – Recommended, not required
- W3Schools.com – [HTML5](#), [CSS](#)

The collage consists of three overlapping screenshots:

- Left Screenshot:** A dark-themed page titled "Introduction to HTML" from Codecademy. It lists lessons: 1. What is HTML?, 2. HTML Anatomy, 3. The Body, 4. HTML Structure, 5. Headings, 6. Divs, and 7. Attributes.
- Middle Screenshot:** A browser's developer tools "inspect" panel. It shows the HTML structure of a page, including a heading and a paragraph, with the corresponding HTML tags and attributes visible.
- Right Screenshot:** A web page titled "HTML" with the subtitle "The language for building web pages". It features buttons for "LEARN HTML" and "HTML REFERENCE". Below is a "Try It Yourself" button and a code editor showing HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>HTML Tutorial</title>
  </head>
  <body>
    <h1>This is a heading</h1>
    <p>This is a paragraph.</p>
  </body>
</html>
```

Impact...

CEHD

- Instructional Technology Masters & eLearning Certificate Program (*Elective*)
- Assistive Technology Masters & Certificate Programs (*Elective*)
- Assistive Technology Masters & Certificate Programs (*Modules shared with faculty*)

Office of Digital Learning

- Modules incorporate into faculty trainings
- Support IDs (*Testing of supplemental applications*)



The screenshot shows the Mason Online website homepage. At the top, there is a navigation bar with the Mason Online logo and several menu items: PROGRAMS & COURSES, ABOUT, JOINING US & FAQ, SUPPORT & RESOURCES, and LOGIN & SIGN UP. A green button labeled "REGISTER NOW" is on the right. Below the navigation bar is a large banner image featuring a statue of George Mason. The banner text reads "Try the Mason Online Experience" and includes a sub-headline "Welcome to our new online experience. At Mason, we're proud to offer you a new way to earn your degree. Our digital learning is devoted to helping you succeed in your academic, professional, and personal goals." A green button labeled "GET STARTED TODAY >" is positioned at the bottom left of the banner.

Below the banner, there is a section titled "WHAT'S NEW AT MASON ONLINE" with a left and right arrow icon. It contains two featured articles:

- Online Virginia Network**: Accompanied by an image of a person using a laptop.
- Speaking to the Needs of Various Learners**: Accompanied by an image of a person at a computer workstation.

On the right side of the page, there are three green call-to-action buttons:

- Ready to apply?** with the subtext "Fill out an application"
- Already enrolled?** with the subtext "Register for a course now"
- Want to learn more?** with the subtext "Request more information"

Contact Us

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