# WEB ACCESSIBILITY AND DESIGN

## GEORGE MASON UNIVERSITY COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT INFORMATIONAL TECHNOLOGY AND SPECIAL EDUCATION

EDIT 426, EDIT 526 and EDSE 526 Web Accessibility and Design Spring Semester 2013 (3 credits) Online

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#### **COURSE DESCRIPTION:**

**Official Course Catalog Description:** Develops understanding of principles of universal web design. Students apply this understanding by designing and developing accessible web site using web authoring tools. **Prerequisites:** None.

#### **LEARNER OUTCOMES:**

#### This course is designed to enable students to:

- 1. Understand the concept of universal design
- 2. Understand disability types and the accessibility challenges presented by digital technologies
- 3. Create basic web content using HTML and CSS
- 4. Evaluate the accessibility of existing web content
- 5. Know the basics of creating accessible Word and PDF documents
- 6. Know the basics of creating video captioning and audio description for video
- 7. Understand how to create an organization-wide accessibility policy for the procurement, creation, and delivery of technology products and services.

## **PROFESSIONAL/TECHNICAL STANDARDS TAUGHT:**

- Web Design
  - HTML (including basic HTML 5)
  - o CSS
  - o Basic WAI-ARIA
- Media and document accessibility
  - Video captioning and audio descriptions
  - Adobe PDF accessibility
  - MS Word accessibility
- Accessibility laws and guidelines
  - o Section 508 (U.S.)
  - o Americans with Disabilities Act (ADA)
  - o Mandate 376 (European Commission)
  - o Web Content Accessibility Guidelines (WCAG) 2.0
- IBSTPI Instructional Design Competencies:
  - Professional Foundations:
    - Identify and resolve ethical and legal implications of design in the work place.
  - Planning and Analysis:
    - Identify and describe target population characteristics.
    - Analyze the characteristics of existing and emerging technologies and their use in an instructional environment.
    - Reflect upon the elements of a situation before finalizing design solutions and strategies.
  - o Design and Development:
    - Design instruction that reflects an understanding of the diversity of learners and groups of learners.

# **REQUIRED TEXTS:**

None. All reading materials are available on the web.

# **OPTIONAL LEARNING MATERIALS AND WORKSHOPS:**

- Online training by Lynda.com <a href="http://www.lynda.com">http://www.lynda.com</a> (subscription-based)
  - **HTML Essential Training** <u>http://www.lynda.com/HTML-tutorials/HTML-</u> <u>Essential-Training-2012/99326-2.html</u>
  - **Dreamweaver CS6 Essential Training** <u>http://www.lynda.com/Dreamweaver-tutorials/Dreamweaver-CS6-Essential-Training/97613-2.html</u>
  - CSS Page Layouts <u>http://www.lynda.com/Web-Interactive-CSS-training/CSS-Page-Layouts/86003-2.html</u>

## **REQUIRED HARDWARE:**

You will need access to:

- A Windows or Macintosh computer with:
  - o a fast and reliable **broadband internet connection** (e.g., cable, DSL)
  - o speakers or headphones
  - o a **microphone**
- A video recording device (can be a phone, computer, webcam, video camera, or anything that can record videos)

# **REQUIRED SOFTWARE:**

**NOTE: You do not necessarily need to buy any of the software listed below, but you will need access to it.** All of the required software will be available in the classroom computer labs. Please plan accordingly if you are going to use the 30-day demo.

- Readers and media players:
  - Adobe Reader (free) (or other PDF reader, such as Preview on a Mac) <u>http://get.adobe.com/reader/</u>
  - o **Quicktime** (free) <u>http://www.apple.com/quicktime/download/</u>
  - Adobe Flash player (free) <u>http://get.adobe.com/flashplayer/</u>
- Word processing:
  - Microsoft Office <u>http://office.microsoft.com</u>
    NOTE: If you don't have a license, Office is available in nearly all computer labs on all campuses. You can also access it from home using the Virtual Computing Lab (VCL) <u>https://www.vcl.gmu.edu</u>.
- HTML/text editor (one of the following, or other similar program. <u>DO NOT</u> use Notepad on Windows or TextEdit on a Mac):
  - o Mac:
    - TextWrangler (free) http://www.barebones.com/products/textwrangler/download.html
    - BBedit (commercial) http://www.barebones.com/products/bbedit/
    - Textmate (commercial) <u>http://macromates.com/</u>
  - o Windows:
    - PSPad (free) <u>http://www.pspad.com/</u>
    - Notepad++ (free) <u>http://notepad-plus-plus.org/</u>
- Screen reader (choose at least one):
  - Windows
    - JAWS (commercial product; most popular screen reader; trial version available for 40 minutes at a time before you have to reboot the computer to keep using it, with essentially no expiration date) <u>http://www.freedomscientific.com/products/fs/jaws-productpage.asp</u>
    - NVDA (free) <u>http://www.nvda-project.org/</u>
  - o Mac
    - VoiceOver (free, already installed on Macs)

### **OPTIONAL SOFTWARE**

- Dreamweaver, version CS5 or higher. Dreamweaver is available on the Fairfax campus in the computer labs in Robinson A350, STAR Lab, and CLUB. On the Arlington Campus, contact Chris Tilley: 703-993-7553 to loan out a laptop in Founders Hall, Rm B115. On Prince William Campus, Bull Run Hall computer labs have Dreamweaver. You can also contact Rick Reo: 703-993-8536 for more information for Prince William. Students may also purchase their own copy at the discounted educational rate through the campus bookstore or any other retailer such as: AcademicSuperstore (<u>http://www.academicsuperstore.com/</u>) or JourneyEd (<u>http://www.journeyed.com/</u>). A free 30-day trial version is available for download from the Adobe website. \*NOTE\* You may need the software for more than 30 days. It is your responsibility to have access longer if needed by visiting a computer lab or purchasing the software.
- Antivirus software, free for students at <u>http://antivirus.gmu.edu</u>

## ACCESSING THE COURSE:

**Blackboard:** This course uses Blackboard as the learning management system. Log in to the myMasonPortal web site (<u>https://mymasonportal.gmu.edu/</u>) and click on the "Courses" tab to access the class. Be sure to use a combination of browser and operating system that is compatible with the Mason web site, as explained at

https://coursesandorgs.pbworks.com/w/page/30543474/Browser-Support

## **COURSE ASSIGNMENTS:**

Note: All of the assignments are explained in greater detail in the Assignments section of the course in Blackboard.

- 1. Ongoing assignment: Participate in weekly online discussions (15 points, 1 point per week)
- 2. Fix the accessibility issues in a Word document given by the instructor (10 points)
- 3. Create captions for a YouTube video (10 points)
- 4. Create a practice web page (10 points)
- 5. Create a simple 5-page web site with CSS styling (20 points)
- 6. Write a comprehensive set of organization-wide accessibility policies for a mid-size company (10 points)
- 7. Final project: Evaluate the accessibility of an existing web site (25 points)

Total points possible: 100

# ASSIGNMENT DETAILS AND GRADING RUBRICS

### 1. Ongoing assignment: Participate in weekly online discussions

The instructor will post weekly discussion topics. Students will respond to the topic in general, and to the posts of other students.

### **Online commenting protocols:**

- Postings should be evenly distributed during the discussion period (not concentrated all on one day or at the beginning and/or end of the period).
- Postings should be a minimum of 50 words.
- Avoid postings that are limited to 'I agree' or 'great idea', etc. If you agree (or disagree) with a posting then say why you agree by supporting your statement with concepts from the readings or by bringing in a related example or experience.
- Address the questions as much as possible (don't let the discussion stray).
- Try to use quotes from the articles that support your postings. Include page numbers when you do that.
- Build on others responses to create threads.
- Bring in related prior knowledge (work experience, prior coursework, readings, etc.)
- Use proper etiquette (proper language, typing, etc.).

| Criterion      | Expected        | Sufficient     | Insufficient     | Not Evident or   |
|----------------|-----------------|----------------|------------------|------------------|
|                |                 |                |                  | Not Completed    |
| Timely         | 2 postings well | 2 postings     | 1 posting        | 0-2 postings not |
| discussion     | distributed     | distributed    | somewhat         | distributed      |
| contributions  | throughout the  | throughout the | distributed      | throughout the   |
|                | discussion      | discussion     | throughotut he   | discussion       |
|                | period          | period         | discussion       | period           |
|                |                 |                | period           |                  |
| Responsiveness | Very clear that | Readings were  | Postings have    | Not evident that |
| to discussion  | readings were   | understood and | questionable     | readings were    |
| and            | understood and  | incorporated   | relationships to | understood       |
| demonstration  | incorporated    | into responses | reading          | and/or not       |
| of knowledge   | well into       |                | materials        | incorporated     |
| and            | responses       |                |                  | into the         |
| understanding  |                 |                |                  | discussion       |
| gained from    |                 |                |                  |                  |
| assigned       |                 |                |                  |                  |
| reading        |                 |                |                  |                  |
| Adherence to   | All online      | 1 online       | 2-3 online       | 4 or more online |
| online         | protocols       | protocol not   | protocols not    | protocols not    |
| commenting     | adhered to      | adhered to     | adhered to       | adhered to       |
| protocols (see |                 |                |                  |                  |
| above)         |                 |                |                  |                  |
| Points         | 15              | 12-14          | 8-11             | 7 or less        |

## 2. Fix the accessibility issues in a Word document given by the instructor

| Criterion      | Expected          | Sufficient        | Insufficient      | Not Evident or    |
|----------------|-------------------|-------------------|-------------------|-------------------|
|                |                   |                   |                   | Not Completed     |
| Accurate       | All accessibility | All but one or    | At least half of  | Less than half of |
| identification | issues identified | two accessibility | the accessibility | the accessibility |
| and            | and remediated    | issues identified | issues identified | issues identified |
| remediation of |                   | and remediated    | and remediated,   | and remediated.   |
| accessibility  |                   |                   | but missing       |                   |
| issues         |                   |                   | three or more     |                   |
| Points         | 10                | 7-9               | 5-8               | 4 or less         |

The instructor will provide students with a Word document that has several accessibility errors. Students will identify and remediate (fix) the errors.

## 3. Create captions for a YouTube video

**Video requirements:** Students will create a brief video with at least two minutes of narration, monologue, or dialog. The topic can be anything the student chooses, as long as the student creates the video, and there are no third-party copyright restrictions on the content.

**Captioning requirements:** Students will upload the video to YouTube, create a transcript for the video, upload the transcript to create a captioning file, and synchronize the transcript with the video on YouTube. See

http://support.google.com/youtube/bin/static.py?hl=en&guide=2734661&page=guide.cs for general YouTube captioning instructions.

| Criterion                  | Expected   | Sufficient   | Insufficient   | Not Evident or<br>Not Completed  |
|----------------------------|--|--|--|--|
| Video<br>requirements      | All of the video<br>requirements<br>are met  | All of the video<br>requirements<br>are met  | The video meets<br>half or more of<br>the<br>requirements                            | The video meets<br>less than half of<br>the<br>requirements  |
| Captioning<br>requirements | The transcript is<br>accurate, and<br>the captions are<br>synchronized<br>accurately with<br>the video on<br>YouTube | The transcript is<br>accurate and<br>synchronization<br>of the captions<br>is reasonably<br>accurate | The transcript<br>has a few errors,<br>or the<br>synchronization<br>has a few errors | The transcript<br>has many errors<br>(or is not done),<br>and there are<br>many<br>synchronization<br>errors (or the<br>captions were<br>not |

|        |    |     |     | synchronized) |
|--------|----|-----|-----|---------------|
| Points | 10 | 7-9 | 5-8 | 4 or less     |

### 4. Create a practice web page

#### Minimum required elements:

- a doctype
- an opening <html> and closing </html>
- a <head>, with a <title>, character encoding, and lang attribute
- a <body>, with the following elements inside it:
  - at least three paragraphs (can be placeholder text, such as "lorem ipsum" text generated at <u>http://www.lipsum.com/</u>)
  - a level 1 heading
  - at least two level 2 headings (and any other headings you want to add, up to level 6)
  - o a blockquote
  - o a line break
  - o a horizontal line (horizontal "rule")
  - bold and italic text using <strong> and <em>
  - a superscript
  - o a subscript
  - o an invisible comment
  - o a bulleted (unordered) list
  - o a numbered (ordered) list
  - a definition list
  - o a link to another web site
  - a link to another place in the same page
  - o an image
  - o a simple data table

**Uploading to the Mason web server:** Students will upload their files to their own directory on the <a href="http://mason.gmu.edu">http://mason.gmu.edu</a> server. The web address, once everything is set up properly and the file is uploaded, will be <a href="http://mason.gmu.edu/~yourname">http://mason.gmu.edu/~yourname</a>, where "yourname" is your Mason user name. Refer to <a href="http://webdev.gmu.edu/Setting">http://webdev.gmu.edu/~yourname</a>, where "yourname" is an overview of the account setup and upload process. Samit Vartak can help guide you through the process: <a href="http://system.edu/System.edu/System.edu/Setting">Syartak@gmu.edu/Setting Up a Personal Site</a> for an overview of the account setup and upload process. Samit Vartak can help guide you through the process: <a href="http://system.edu/Sy

| Criterion                 | Expected     | Sufficient    | Insufficient | Not<br>Evident or |
|---------------------------|--------------|---------------|--------------|-------------------|
|                           |              |               |              | Not               |
|                           |              |               |              | Completed         |
| Inclusion of all required | All elements | 1 to 2        | 3 to 5       | 6 or more         |
| elements                  | included     | elements left | elements     | elements          |
|                           |              | out           | left out     | left out          |

| Pass HTML validator at   | No errors  | 1 to 2 errors  | 3 to 5                             | 6 or more                          |
|--------------------------|--|--|------------------------------------|------------------------------------|
| http://validator.w3.org/ |  |  | errors                             | errors                             |
| Uploading to server      | The web page is<br>uploaded to the<br>web, on the<br>student's<br>mason.gmu.edu<br>account, and is<br>viewable by anyone<br>with a web<br>connection and a | The web page<br>is uploaded,<br>but there are<br>problems<br>viewing the<br>file | The web<br>page is not<br>uploaded | The web<br>page is not<br>uploaded |
| Points                   | browser<br>10  | 7-9  | 5-8                                | 4 or less                          |

## 5. Create a simple 5-page web site with CSS styling

#### • Template:

- The template section must be exactly the same on each page (that's why they call it a template!)
- o A header section, marked by <div class="header">
- A navigation section, marked by <div class="nav">
  The navigation must be constructed using a bulleted list, and must consist of 5 links. The first link must be "Home." One of the links must be "Contact," and another link must be "About" (or "About Me"). Students can choose the name of the other links. Each list item must have a unique id, for example: id="nav\_home">, , etc.
- o A content section, marked by <div class="content">
- o A footer section, marked by <div class="footer">

## • Cascading Style Sheet (CSS):

- The styles must visually turn the main navigation into a tab-like interface (either horizontal or vertical)
- o The styles must specify a font family for the body of the document
- The styles must include at least one background image. The background image must not visually conflict with the foreground text, and must not contain any important content (such as text).
- o The styles must specify at least one background color
- The styles must specify a hover and focus effect for links using the a:hover and a:focus pseudo classes. There should be one set of effects for the navigation and a different set of effects for all other links

## • Page-specific styles:

• Each page must have page-specific styles in the head of the document to make the active tab in the navigation look selected or active. This helps users know where they are within a site by simply looking at the navigation bar. The styles must be consistent, so that no matter which page the user is on, it is obvious by looking at the navigation tabs which link is currently active/selected.

- Content:
  - The "About" or "About Me" page must include a professional biographical summary and a picture of the student. Optional: Students can also include information about non-professional personal interests.
  - The content of the other pages can be anything the student wants, and can include placeholder text, such as "lorem ipsum" text (see <u>http://www.lipsum.com/</u>).

| Criterion                | Expected   | Sufficient   | Insufficient   | Not Evident or   |
|--------------------------|--|--|--|--|
|                          |  |  |  | Not Completed  |
| Template                 | The template<br>includes all of<br>the required<br>elements, and<br>the template<br>section is<br>exactly the<br>same on every<br>page                 | The template<br>includes all of<br>the required<br>elements, and<br>the template<br>section is mostly<br>the same on<br>every page | The template is<br>missing some of<br>the required<br>elements, or<br>there are some<br>variations in the<br>template<br>sections<br>between pages | The template is<br>missing most or<br>all of the<br>required<br>elements, and<br>there is little<br>consistency<br>between pages |
| Cascading Style<br>Sheet | The CSS<br>contains all of<br>the required<br>elements and<br>the style sheet<br>is well-<br>organized, well-<br>written, and<br>easy to<br>understand | The CSS<br>contains all of<br>the required<br>elements   | Parts of the<br>required<br>elements are<br>missing  | Most or all of<br>the required<br>elements are<br>missing  |
| Page-specific<br>styles  | The page-<br>specific styles<br>highlight the<br>active/selected<br>tab and are<br>written<br>concisely  | The page-<br>specific styles<br>highlight the<br>active/selected<br>tab  | The styles<br>achieve most of<br>the goal of<br>highlighting the<br>active/selected<br>tab, but there<br>are deficiencies                          | The styles fail to<br>achieve the goal<br>of highlighting<br>the<br>active/selected<br>tab                                       |
| Content                  | The content<br>meets all of the<br>requirements<br>and is written<br>well  | The content<br>meets all of the<br>requirements  | Parts of the<br>content<br>requirements<br>are not met   | Most of the<br>content<br>requirements<br>are not met  |
| Points                   | 20   | 16-19  | 11-15  | 10 or less   |

# 6. Write a comprehensive set of organization-wide accessibility policies for a mid-size company

**The scenario:** The student is hired as an accessibility consultant by a technology company of 500 employees. The company's main product is a web-based financial platform for business-to-business transactions. The assignment is to create a set of comprehensive accessibility policies for the company.

**Policy Requirements:** The accessibility policies must ensure that:

- Top level management buys into the idea of accessibility
- The company includes accessibility as an integral part of the technology procurement (purchasing) and contract process with third-party vendors
- The company considers accessibility skills as a part of the hiring process
- Current web developers receive detailed technical accessibility training
- Current project managers receive accessibility training relevant to their job
- Accessibility is built into the product development life cycle of the company's main web-based financial product, from concept to prototype to quality control and deployment.
- Accessibility is built into the development cycle of the company's web site

| Criterion    | Expected          | Sufficient        | Insufficient      | Not Evident or    |
|--------------|-------------------|-------------------|-------------------|-------------------|
|              |                   |                   |                   | Not Completed     |
| Policy       | All requirements  | All requirements  | Some              | Several of the    |
| Requirements | are met, and      | are met, and      | requirements      | requirements      |
|              | there the         | there the         | are not met, or   | are not met or    |
|              | policies are      | policies are      | the policies are  | the policies are  |
|              | thoughtful,       | adequate to       | weak in the way   | too weak to       |
|              | feasible without  | address real-life | they address      | address real-life |
|              | overburdening     | accessibility     | real-life         | accessibility     |
|              | the company,      | issues            | accessible issues | issues            |
|              | and               |                   |                   |                   |
|              | comprehensive     |                   |                   |                   |
|              | enough to         |                   |                   |                   |
|              | address real-life |                   |                   |                   |
|              | accessibility     |                   |                   |                   |
|              | issues            |                   |                   |                   |
| Points       | 10                | 7-9               | 5-8               | 4 or less         |

## 7. Final project: Evaluate the accessibility of an existing web site

The instructor will provide students with a web site to analyze for accessibility issues.

**Report Requirements:** Students will find the issues and report them using a Word template supplied by the instructor. The report will include the following sections:

- **Executive summary** of no more than one page (target audience: CEOs, program managers, etc.), which will include:
  - 1. A brief overall summary of the accessibility status of the web site (one paragraph) as well as a
  - 2. A brief summary of how the issues affect users of each major disability type (blindness, low vision, deafness, motor disability, cognitive disability).
- Detailed list of issues in the template (target audience: web developers), with a reference to the relevant WCAG 2.0 violation, a brief explanation of the issue, and a recommended method of fixing the issue. This section of the report can be as long as necessary to document all of the issues.
- Detailed list of issues in the content of each page (target audience: web developers), with a reference to the relevant WCAG 2.0 violation, a brief explanation of the issue, and a recommended method of fixing the issue. This section of the report can be as long as necessary to document all of the issues.

| Criterion         | Expected        | Sufficient      | Insufficient     | Not Evident or   |
|-------------------|-----------------|-----------------|------------------|------------------|
|                   |                 |                 |                  | Not Completed    |
| Report            | All of the      | All of the      | Parts of the     | Parts of the     |
| Requirements      | required        | required        | requirements     | requirements     |
|                   | components of   | components of   | are incomplete,  | are missing, or  |
|                   | the report are  | the report are  | or some          | the majority of  |
|                   | present, and    | present, and    | sections are     | the sections     |
|                   | according to    | mostly          | not in           | are not in       |
|                   | the             | according to    | accordance       | accordance       |
|                   | specifications  | the             | with the         | with the         |
|                   | above           | specifications  | specifications   | specifications   |
| Comprehensiveness | All the         | Up to three     | Between six      | Seven or more    |
| of Report         | accessibility   | major           | and four major   | major            |
|                   | issues are      | accessibility   | accessibility    | accessibility    |
|                   | identified      | issues are not  | issues are not   | issues are not   |
|                   |                 | identified      | identified       | identified       |
| Quality of Report | The report is   | The report is   | Parts of the     | Serious flaws in |
|                   | well-written,   | well-written,   | report are not   | the writing or   |
|                   | well-organized, | well-organized, | well-written or  | organization of  |
|                   | and can be      | and is an       | well-organized,  | the report, or   |
|                   | used as an      | adequate tool   | or the report is | the report is    |
|                   | effective tool  | for the         | not as effective | ineffective as a |
|                   | for the         | company to      | as it should be  | tool for the     |
|                   | company to      | make their site | as a tool for    | company to       |
|                   | make their web  | more            | the company to   | make their web   |
|                   | site more       | accessible      | make their web   | site more        |
|                   | accessible      |                 | site more        | accessible       |
|                   |                 |                 | accessible       |                  |
| Points            | 25              | 20-24           | 15-19            | 14 or less       |

#### **CLASS SCHEDULE**

| CLASS SCHEDULE | Taulas                     | A   |
|----------------|----------------------------|---|
| Dates          | Topics                     | Assignments                                 |
| Jan. 22-25     | Intro to web accessibility | Due Sunday (end of week) at                 |
|                | and universal design,      | midnight: Online discussion question        |
|                | disability types, and      |   |
|                | assistive technologies     |   |
| Jan 28-Feb 1   | Word accessibility         | <u>**ASSIGNMENT 1 Due Feb 1</u> by          |
|                |                            | midnight: Fix the accessibility             |
|                |                            | problems in a Word document given           |
|                |                            | by the instructor (10 points)               |
|                |                            | Also due Sunday (end of week) at            |
|                |                            | midnight: Online discussion question        |
| Feb 4-8        | Video accessibility:       | **ASSIGNMENT 2 Due Feb 8 by                 |
|                | captions and audio         | midnight: Add captions to a YouTube         |
|                | descriptions               | video (10 points)                           |
|                |                            |   |
|                |                            | Also due Sunday (end of week) at            |
|                |                            | midnight: Online discussion question        |
| Feb 11-15      | Basic HTML                 | Due Friday at midnight: Online              |
|                |                            | discussion question                         |
| Feb 18-22      | Basic HTML (cont'd)        | **ASSIGNMENT 3 Due Feb 22 by                |
|                |                            | midnight: Create a practice web page        |
|                |                            | (10 points)                                 |
|                |                            |   |
|                |                            | Also due Sunday (end of week) at            |
|                |                            | midnight: Online discussion question        |
| Feb 25-Mar 1   | Basic CSS                  | Due Sunday at (end of week)                 |
|                |                            | midnight: Online discussion question        |
| Mar 4-8        | Basic CSS (cont'd)         | <u>**ASSIGNMENT 4 Due Mar 8</u> by          |
|                |                            | midnight: Create a simple 5-page web        |
|                |                            | site with CSS styling (20 points)           |
|                |                            | Also due Sunday (end of week) at            |
|                |                            | midnight: Online discussion question        |
| Mar 11-15      | Spring break               |   |
| Mar 18-22      | HTML accessibility         | Due Sunday at (end of week)                 |
|                | techniques                 | <b>midnight:</b> Online discussion question |
| Mar 25-29      | HTML accessibility         | Due Sunday at (end of week)                 |
|                | techniques (continued)     | <b>midnight:</b> Online discussion question |
| Apr 1-5        | Accessibility evaluation   | Due Sunday at (end of week)                 |
|                | tools and techniques       | midnight: Online discussion question        |
|                |                            | mangin. Online discussion question          |

| Apr 8-12     | Accessibility laws, policies,<br>and protocols | <b>**ASSIGNMENT 5 Due Apr 12</b> Write a comprehensive set of organization-wide accessibility policies for a midsize company (10 points) |
|--------------|--|--|
|              |  | Also Due Sunday (end of week) at<br>midnight: Online discussion question   |
| Apr 15-19    | Introduction to                                | Due Sunday at (end of week)  |
|              | Dreamweaver                                    | midnight: Online discussion question   |
| Apr 22-26    | PDF accessibility                              | Due Sunday (end of week) at  |
| A 20 Ma 2    |  | midnight: Online discussion question   |
| Apr 29-May 3 | Work on accessibility                          | Due Sunday (end of week) at  |
|              | evaluation                                     | midnight: Online discussion question   |
| May 6-10     | Work on accessibility                          | **ASSIGNMENT 6 Due May 10 by   |
|              | evaluation                                     | midnight: Evaluate the accessibility of  |
|              |  | an existing web site (25 points)   |

### **GRADING SCALE**

Graduate Students (those taking EDIT/EDSE 526):

95-100% = A 90-94% = A-87-89% = B+ 83-86% = B 80-82% = B-70-79% = C < 70% = F

Undergraduate Students (those enrolled in EDIT 426):

95-100% = A 90-94% = A-87-89% = B+ 83-86% = B 80-82% = B-77-79% = C+ 74-76% = C 70-73% = C-60-69% = D < 60% = F

## **GMU POLICIES AND RESOURCES FOR STUDENTS**

a) Students must adhere to the guidelines of the George Mason University Honor Code [See <u>http://oai.gmu.edu/honor-code</u>].

- b) Students must follow the university policy for Responsible Use of Computing [See <u>http://universitypolicy.gmu.edu/1301gen.html</u>].
- c) Students are responsible for the content of university communications sent to their George Mason University email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students solely through their Mason email account.
- d) The George Mason University Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance [See <u>http://caps.gmu.edu/</u>].
- e) Students with disabilities who seek accommodations in a course must be registered with the George Mason University Office of Disability Services (ODS) and inform teir instructor, in writing, at the beginning of the semester [See <u>http://ods.gmu.edu/</u>].
- f) Students must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.
- g) The George Mason University Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing [See <u>http://writingcenter.gmu.edu/</u>].

# OPTIONAL SOFTWARE TO IMPROVE YOUR LEARNING AND READING COMPREHENSION

• Read and Write Gold (free) by TextHelp. For an explanation of the software, see <u>http://www.texthelp.com/videotours/rw10marketing/intro/intro\_stream\_us.html</u> This software can improve reading comprehension and learning for people with learning disabilities, different learning styles, or those whose native language is not English. Mason is offering this free to all students, please visit Mason's Assistive Technology Initiative <u>http://ati.gmu.edu/</u> for a copy of the software.

# **PROFESSIONAL DISPOSITIONS**

Students are expected to exhibit professional behaviors and dispositions at all times.

# CORE VALUES COMMITMENT

The College of Education & Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles. <u>http://cehd.gmu.edu/values/</u>

For additional information on the College of Education and Human Development, Graduate School of Education, please visit our website [See <u>http://gse.gmu.edu/</u>].