

ITEC 2380

School of Information Technology

Web Development

Midterm Exam

Grade: 60 points

Description: There is one section of this exam: Web Page Development. This exam is designed for take-home, open-book, and open-note exam. However, email or any other communications are not allowed between students during the exam. **Any late submission may not be accepted.**

Section: Web Page Development

SuperRestaurant is a local restaurant in Macon, GA to provide dining for local residents. The restaurant currently has no website. It has received an increasing demand from its customers to enable them to view coupons and check the menu online. The SuperRestaurant manager has decided to hire people to develop at least a **2-page website** for their loyal customers to print coupons and check the menu through desktop and mobile devices.

Due to its small business size and limited budget available, the manager has decided to hire one Middle Georgia State University IT student to develop the prototype of the website with the following requirements:

- Use **HTML5 syntax**.
- Use an **external CSS**.
- Develop **2 web pages** with the following sections.
 - Logo
 - Header
 - Footer
 - Navigation
 - Coupons
 - Weekly Advertisement
 - Can click back/forth between pages
- Configure a **two-column page layout**.
- Configure your layout with **“Jello” design** (center your pages w/ *margin:0 auto*).
- Configure Navigation with **Unordered List**
 - Horizontal Navigation
 - Removes the list marker
 - Removes the underlines
 - Add padding between items
- Configure the appropriate content, **padding, border, and margin** for components.
- Configure **a rounded corner** for one of your components.

- Configure **opacity** for one of your components.
- Configure clear headings for the section: Coupons and Weekly Advertisement.
 - Configure **solid underline** for headings.
 - Configure **text-shadow** for headings.
- Add images for Ads and coupons. Feel free to rip from Google Search.
- Configure **a table** with the following components. Chapter 8
 - Table caption
 - <th>, <thead>, <tbody>, and <tfoot>
 - CSS Structural Pseudo-Classes (ex: *nth-child*)
- Configure your pages with appropriate colors, fonts, and backgrounds.
- Configure **CSS Styling for mobile devices**.
- Configure **CSS Styling for Print**.
- The use of an anchor tag that links “**Back to Top**” of a web page.
- Provide **a telephone hyperlink** (an HTML5 tag) for its customers to make an online call via Skype/Google Voice.

Requirements:

1. All pages must pass the W3C validation (see **HTML5 and CSS Validation Service**) without any syntax errors.
2. The pages must be developed with HTML5 syntax
3. Your pages must be tested with IE, Firefox, Chrome, and Safari without errors.
4. Please compress all files as a single zip or rar file and upload it to D2L.

Rubrics for Web Development

- **60 points:** Completes all required components w/ no syntax errors
- **54 – 59 points (A%):** 1-2 components are not found or minor syntax errors found
- **48 – 53 points (B%):** 2-3 components are not found and/or minor syntax errors found
- **42 – 47 points (C%):** 3+ components not found and/or major syntax errors
- **0 – 41 points:** More than 5 components are not found and major syntax errors.

Deliverable Details:

- 1- Upload your complete design as **a .zip or .rar file** to D2L Dropbox.