

# Assignment Name: CSS Grid Fall 2020

Due Date: See Canvas

## Goals:

You have been given image files, a starter CSS file, and an HTML file which has all of the required content to recreate the provided screenshot. Use only CSS to achieve the changes - do not change the html file.

## Objectives:

1. Demonstrate ability to use CSS Grid for layout of page content
2. Demonstrate ability to code a working "Skip to Content" link that is not displayed on the screen until it is in focus.
3. Demonstrate ability to use media queries to adjust how page content displayed on different devices.

## Resources:

<https://github.com/UMSIComplexWebDesign/hw5-2021>

You are provided with a repo that contains the necessary html file, a starter css file, and a screenshot of the final results. You will need to edit the css file to transform the original page to one that resembles our example using the outlined CSS styles below. Remember, resource files often have a few bugs in them to provide an opportunity to debug and problem-solve. The changes will be small. **Students who code from previous semesters will receive a 0 on this assignment and be reported to Student Affairs.**

## Requirements:

***Note, the css code has comments to guide you through these requirements. In some cases the requirements may already be fulfilled in the partial CSS we supplied.***

01. All files and folders present, HTML file and CSS stylesheet in proper format, no styles in HTML. **DO NOT MAKE ANY CHANGES TO THE HTML BODY.** Do not add any classes or ids.

1. Remove the underline from all links in the navigation.
2. When the mouse hovers over any link in the navigation add an underline under the link.

3. The “Skip to content link” (the link within the skip class) should have the following styles on all screen sizes
  - a. The link is positioned 50px above the top of it’s parent element (so that it is hidden by default). Do NOT use margin-top. We want to use the position property.
  - b. When the link is in focus it is positioned 10px under the top of it’s parent (so it is visible only when in focus.)\*\*Autograder doesn’t check this so we will deduct afterward if we find it.
4. Any element in focus should have a 2px dashed border on top and bottom.\*\*Autograder doesn’t check this so we will deduct afterward if we find it.

### The following specifications are for the mobile view:

5. .container class uses grid:
  - a. Four columns: 1fr 3fr 3fr 1fr
  - b. Four rows: all auto.
  - c. Gap 20px between rows. (Make sure to use a property that is supported by Safari!)
6. header element:
  - a. Has a bottom margin of 25px;
  - b. Header uses header.jpg as a non-repeating background image with parallax effect
7. .about, .method, .client, and .contacts:
  - a. Begin in 2nd column and span two columns
  - b. Begin on the 1st, 2nd, 3rd, and 4th rows respectively and each spans one row.
8. The .about-image, .method-image, .client-image, and .contact-image elements:
  - a. Span all of the columns.
  - b. Have a **maximum height** of 650px
  - c. Hide any content that goes outside their grid cell.
  - d. Begin on the 1st, 2nd, 3rd, and 4th rows respectively and each spans one row.

9. .text is centered horizontally and vertically within the grid. We are looking for the use of an *align* property, not margin. Note, that this is centering within the grid cell so it may not line up with the image any longer.

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**The following specifications are for the desktop view (windows of 880px or greater)**

10. Move the navigation so that the nav is aligned to the other side of the window and centered vertically.

11. container class uses grid with

- a. Five columns: 50px, auto, 500px, auto, and 50px
- b. Four rows: 400px, 425px, 425px, and 400px.

12. The .about, .client, .method-image,.contact-image elements:

- a. Begin in the third column and span two columns

13. The .method, .contacts, .about-image, and .client-image:

- a. Begin in the second column and span two columns.

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## Method

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## Clients

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## Tips!

1. Start with the css file and look for the places you should add code.
2. ***Get the mobile view complete before you start the desktop view.***
3. If your rules cascade correctly, you should have fewer selectors in the desktop view

## Submission Requirements:

1. Submit a link to the page - We want to see the deployed page, not the code.
2. The link should be homework5-2021
3. There are no supplementals for this homework.
4. The autograder does not check for focused elements so we will deduct 5pts from your autograder score if it does not work correctly.