

## Assignment: Position, Animation, and Backgrounds

Download and extract the assignment files from D2L. These files will get you started. Take a moment to examine the HTML and CSS files, but **do not edit them** for this assignment; **create a new CSS file** to store the styles you write for this assignment. Your job is to edit the web page to look like the one in the video file **demo-menu.mov**.

- 1 **[+3]** In-lab component
- 2 **[3]** Header Background
  - a. Use multiple backgrounds to place the given images in the background, along with a horizontal gradient. For this, you will use the **background** property, along with the **url** and **linear-gradient** background values. Make sure all backgrounds are visible.
- 3 **[4]** Fixed Menu
  - a. Use **position:absolute** to position the “hamburger” menu icon in the top right corner of the nav bar. Use **position:fixed** to ensure that the nav bar is always at the same position on the side of the screen regardless of where on the page the user scrolls. Make sure that the menu ul element appears (and the hamburger icon disappears) when the user hovers over **any part** of the nav bar. Use **transition** animations for each of these functions.
- 4 **[5]** Animation
  - a. Use the **@keyframes** rule to create animations for the heading text, subheading text, and header background pattern.
  - b. The subheading animation should begin slightly later than the heading animation. The **animation-fill-mode** property may be useful to make sure the page looks the way it should before the animation begins.
  - c. The background pattern animation should repeat infinitely in a smooth manner. You will need to adjust the **background-position** and **animation-timing-function** properties to achieve this.

Total: **12**

Hoffman.png background pattern from <https://www.transparenttextures.com/>