



Web Design & Development Scenario 2024

The Web Design & Development competition will run from 8 AM until 4 PM. **Instructions will be given promptly at 8:15 AM, so it is recommended that teams arrive on time to prepare their workstations.** Students can get lunch whenever they feel fit, and have the option to bring their lunch back with them to maximize work time.

Students must come prepared with a code editor software of choice and knowledge of said program. There are no requirements on what code editor software can be used (VSCode, Adobe Dreamweaver, Notepad, etc.), but the usage of content management systems such as WordPress, Wix, Drupal, or other site-building software is prohibited. CSS frameworks such as Bootstrap and Foundation are allowed, but Javascript libraries such as React and Angular are not. Exported websites must include an 'index.html' file and must work/look the same offline. Websites will be judged by the use of design principles, overall functionality, mobile responsiveness, spelling & grammar, formatting of code, and presentation of the final website.

After receiving competition instructions, teams will have until 3:00 PM to build their websites. The day will include multiple checkpoints when teams will move into various sections of their websites. Checkpoints are meant to split development time and ensure teams hit all competition requirements. At 3:00 PM, students will stop work on their websites and submit them to the panel. Presentations will begin shortly after.

For the 2024 Web Design Competition, teams will be designing a single-page website for a business of their choosing (fictional or real).

Website requirements include:

- A name, logo, and color scheme
- Page navigation
- A footer with social media icons
- As well as one of the following:
 - Mission statement section
 - Image gallery section
 - Contact Us form
 - Social proof (customer reviews/comments, "brands we've worked with", etc.)

All web pages must contain valid HTML and CSS that pass an HTML validator such as the WC3 Markup Validator, www.validator.w3.org. All web pages should have proper HTML meta tags such as Title, Description, Keywords, and Author. All work on websites and web pages must take place during the competition timeframe and in the competition space. Plagiarism of code will result in automatic disqualification. Teams that previously competed will not be allowed to recycle or reuse code they have used in past competitions.