

# JavaScript, Advanced CSS, & Bootstrap: Web Dev Level 2 (High School)

Learn to create dynamic websites and add functionality to your site with this JavaScript & Flexbox summer course.

Group classes in NJ and onsite training is available for this course. For more information, email [hello@nextgenbootcamp.com](mailto:hello@nextgenbootcamp.com) or visit: <https://www.nextgenbootcamp.com/classes/web-dev-summer-course-level-2>



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## Course Outline

### Front-End Web Development

- Front-end code works in a web browser, whereas the back-end code works on a web server.
- HTML: Create web pages and emails using HTML code to mark up content (text, images, etc.)
- CSS: Style the contents of a webpage or email.
- JavaScript & jQuery: Add interactivity, animation, and more to webpages.
- Responsive Web Design: Create pages that are optimized for all size screens.

### Code Management & Deploying Sites

- FTP: Upload your files to make the site go live.
- Git: Keep a history of code changes, and merge your code with other developers.
- GitHub & Bitbucket: Work with other developers using remote Git repositories.

### Web Design & Graphics

- Layout webpage designs using Photoshop.
- Create and optimize web graphics for fast download.

### Back-End Web Development

- WordPress: Learn to create custom WordPress themes for the most commonly used CMS (content management system).
- PHP & MySQL: Build dynamic web pages and interact with a database.