Our Web Design certificate equips you with the tools you need to stand out on the crowded web. Guided by faculty practitioners, you’ll gain hands-on experience in mobile design, CSS, JavaScript, and more. The project-based classes will enable you to design websites, create digital applications, and produce portfolio-worthy projects. Our curriculum also combines a user-centered approach, allowing you to attract your audience while building a better web for all.

Continuing and Professional Education at The New School delivers courses and programs that give professionals and non-degree-seeking students the edge that can come only from our accredited university and the dynamic network of renowned faculty and industry-leading professionals at the #1 art and design school in the United States1—Parsons School of Design.

Learn the skills you need to advance your career in a changing world.

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1 Quacquarelli Symonds World University Rankings (2020).

### Certificate Details

- **Number of courses:** 5
- **Course length:** 6-9 weeks
- **Timeline to completion:** Most students take two courses per semester. Students have up to two years to finish, but many finish in one year or less.
- **Format:** Online
- **Price:** $3,855
Students must complete five courses.

**Course Outline**

**Introduction to Web and Mobile**
This course, designed for absolute beginners, teaches you how to design, code, and create beautiful websites with HTML and CSS — the building blocks of any webpage. For your final project, you will hand-code, build, and launch a responsive personal website.

**Web Design Production: Javascript for Designers**
This course, an introduction to JavaScript, covers basic computer programming concepts, such as variables, data types, loops, and arrays, then moves on to an overview of more complex concepts, such as functions, DOM traversal, and events.

**Mobile Design Patterns and Emerging Platforms**
This course takes you through all the steps involved in creating successful mobile designs and presentations, from concept to prototype. Gain familiarity with and apply the latest mobile design guidelines and best practices for iOS and Android for UX and UI design.

**Course Outline**

- **Week 1**
  - Introduction to HTML
- **Week 2**
  - Web Structure: Layout and UX
- **Week 3**
  - Style and Design
- **Week 4**
  - Layout Strategies: Positioning your content
- **Week 5**
  - Typography on the web
- **Week 6**
  - Putting it all together: Overview/Workshop
- **Week 7**
  - Responsive Design
- **Week 8**
  - CSS and Motion
- **Week 9**
  - Making it Live: Final Presentations

- **Week 1**
  - Introduction: What is JS, JS Scripts, and tools for HTML
- **Week 2**
  - Basics of Coding: Consoling, debugging, variables, types, and functions
- **Week 3**
  - Javascript and the DOM
- **Week 4**
  - JQuery
- **Week 5**
  - Javascript: Helping the UI/UX
- **Week 6**
  - Using Javascript and JQuery for responsive design
- **Week 7**
  - Interacting with your users
- **Week 8**
  - JSON
- **Week 9**
  - JSON and Javascript

**Web Design Certificate**

- **Course Outline**
Interactive Typography for the Web
Learn to create beautiful websites with engaging, expressive Web typography for maximum impact. Explore new techniques that will enable you to enhance your type with CSS animations, and learn when to use variable fonts and how to specify px, pt, sp, and dp.

Week 1
How to choose a font

Week 2
Bringing order to canvas

Week 3
Coding

Week 4
User Interfaces and Icons

Week 5
Responsive and flexible type

Week 6
Details

Design Systems
Create and document a design system by extending your designs and visual style to other products while keeping the cross-platform experience consistent. Topics covered include style guides, pattern libraries, collections of reusable interface components, CSS frameworks, and repeatable design operations.

Week 1
Introduction to design systems

Week 2
Planning your design system

Week 3
Research and requirements

Week 4
Systematizing design

Week 5
Implementing your design system

Week 6
Designing for the future; final presentations

Web Design Certificate  Course Outline (continued)
Who Should Enroll
» Designers developing their coding skills and Web designers familiarizing themselves with the new features of HTML5, CSS3, and ECMA6
» Beginners interested in Web design, mobile design, and UX/UI
» Project managers and marketing professionals who want to maximize ROI through strong visuals and interaction

What You’ll Gain
» Knowledge of the best methods for delivering cohesive customer experiences and dynamic user interfaces
» The ability to design and develop a strong front end, format code and text with an editor, set up file paths and directories, optimize images for the Web and mobile, manage resources and links, and plan for accessibility
» A comprehensive knowledge of the CSS box model, the foundation of layout on the Web, as well as techniques for positioning, such as Clearfix or Flexbox
» An understanding of typography principles for the Web
» The ability to launch interactivity and effects by handling user events like clicks, hovers, scrolling, and mouse and keyboard movements

How You’ll Learn
» Engaging video lectures and interviews with industry experts
» Direct interaction with faculty practitioners at the top of their fields
» Online collaboration in small classes, supported by video conferencing
» Project-based learning focused on developing real-world skills and portfolio assets

Get started today.
Register at cpe.newschool.edu.

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