

Mastering User Experience (UX) Design for Experienced Web Developers

Duration: 3 Day(s)

Course Overview

In today's fast-paced digital world, user-centric and adaptable websites are no longer a luxury – they're a necessity. By embracing UX and responsive design, you'll unlock the potential to elevate your websites, boosting user satisfaction and engagement. This, in turn, leads to higher conversion rates and a stronger online presence for your clients or organization, as well as better collaboration within your team, bridging the gap between designers, developers, and stakeholders.

UX Design & Responsive Design for Experienced Web Developers is a three day, engaging hands-on workshop designed to equip you with the latest skills and best practices in User Experience (UX) and Responsive Web Design required to create seamless, user-friendly websites that adapt effortlessly across devices. This course will immerse you in the latest skills, best practices, and hands-on activities, empowering you to create exceptional, accessible websites that excel across devices and captivate users.

Throughout the program you'll explore the fundamentals of UX and responsive design, including user-centered design processes, mobile-first and desktop-first approaches, and design techniques for various devices and screen sizes. You'll gain practical experience creating responsive layouts, optimizing performance, and implementing accessible web designs, all while leveraging popular frameworks and design tools. You'll also gain valuable insights into performance optimization, accessibility, and collaboration strategies, ensuring you have the complete toolkit to excel in your field.

By the end of this workshop, you'll have gained a solid understanding of UX and responsive design principles, as well as hands-on experience in applying these concepts to real-world projects. You'll be able to create more user-friendly, responsive, and accessible websites, and collaborate more effectively with your design and development teams.

NOTE: Non-Developers or NEW web developers without practical experience might consider the UX Design Basics for Non-Developers (TT4210) course as an alternative.

Review this course online at <https://www.alta3.com/courses/TT4213>

Objectives

- Understand and apply UX principles and user-centered design processes.
- Design and implement responsive web layouts.
- Optimize web performance for responsive designs.
- Implement accessible web designs.

Who Should Attend

- Front-end Web Developers
- Full-stack Developers
- Web Designers
- Team Leads and Project Managers
- Freelance Web Developers

Prerequisites

· Proficiency in HTML and CSS: Participants should have a strong understanding of HTML and CSS, including the ability to create semantic markup, style web elements, and apply basic styling concepts such as the box model, positioning, and the cascade.

· Familiarity with JavaScript: Participants should have a basic understanding of JavaScript and its role in web development, including concepts like variables, functions, loops, and events. Although the course will not focus heavily on JavaScript, a foundational knowledge of the language will help participants grasp some of the more advanced UX and responsive design concepts.

· Experience in Web Development: Participants should have prior experience in developing websites or web applications, as the course builds upon existing web development knowledge and focuses on introducing UX and responsive design principles. This experience may include working on personal, professional, or open-source projects, or having completed a web development course or certification program.

Take Before:

You should have incoming skill listed in the course(s) below or should have attended this as a pre-requisite:

- TT4002 HTML5/CSS3 Essentials
- TT4003 HTML5/CSS3 & JavaScript Essentials

Course Outline

Day 1: Introduction to UX and Responsive Design

1. Understanding User Experience
2. Responsive Web Design Basics
3. Mobile-first vs. Desktop-first Approaches
4. Designing for Different Devices and Screen Sizes

Day 2: Advanced UX and Responsive Design Techniques

5. UX Research and Testing
6. Navigation and Information Architecture
7. Responsive Web Design Frameworks and Tools

Day 3: UX and Responsive Design Best Practices

- 8. Design Patterns and UI Components
- 9. Performance Optimization
- 10. Accessibility in UX and Responsive Design
- 11. Design Collaboration and Handoff