Mastering User Experience (UX) Design for Experienced Web Developers (TT4213)

Category: Design & Creative | **Vendor:** Trivera Tech

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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.®

About This Course

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 handson 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 NonDevelopers (TT4210) course as an alternative

Who Should Attend

The course is for web developers who have practical experience with web development, HTML5 and CSS3, and wish to create exceptional, accessible websites that excel across devices and captivate users.

Prerequisites & Entry Requirements

General 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.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Working in a hands-on learning environment led by our expert UX coach, you'll learn to:
- Understand and apply UX principles and user-centered design processes: Participants will learn to identify the needs and preferences of users, create user personas, and apply UX best practices to develop intuitive, user-friendly web experiences.
- Design and implement responsive web layouts: Participants will gain the skills to create fluid grid layouts, use flexible images, and apply media queries to design web pages that adapt seamlessly across various devices and screen sizes.
- Optimize web performance for responsive designs: Participants will learn techniques to improve website performance, including image optimization, responsive images, and minification and concatenation of assets, ensuring a fast and smooth user experience across devices.
- Implement accessible web designs: Participants will understand the importance of accessibility in web design and learn to apply WCAG principles and accessible design patterns to create websites that are usable by a wide range of users, including those with disabilities.
- Collaborate effectively with designers, developers, and stakeholders: Participants will gain insights into design
collaboration and handoff processes, enhancing their ability to communicate design decisions, provide and receive
feedback, and work efficiently with team members and clients.

Detailed Course Outline

Day 1: Introduction to UX and Responsive Design

Understanding User Experience

What is UX

Importance of UX in web development

UX principles and best practices

User-centered design process

Responsive Web Design Basics

What is Responsive Web Design

Importance of Responsive Design in modern web development

Fluid grid layout, flexible images, and media queries

Hands-on Activity: Creating a Responsive Layout

Designing a simple responsive layout using HTML, CSS, and media queries

Breakdown and explanation of the code

Testing responsiveness across different devices

Mobile-first vs. Desktop-first Approaches

Pros and cons of each approach

Deciding which approach to use

Designing for Different Devices and Screen Sizes

Common breakpoints and device considerations

Accessibility and usability across devices

Typography, color, and other design elements in responsive design

Hands-on Activity: Designing for Different Devices

Modifying the previously created responsive layout to optimize for various devices

Discussion and feedback on designs

Day 2: Advanced UX and Responsive Design Techniques

UX Research and Testing

Importance of UX research

Usability testing and user feedback

A/B testing and heatmaps

Navigation and Information Architecture

Designing effective and user-friendly navigation

Organizing content and information

Common navigation patterns in responsive design

Hands-on Activity: Designing Navigation for Responsive Websites

Adding navigation elements to the previously created responsive layout

Testing navigation on different devices and screen sizes

Discussion and feedback on navigation designs

Responsive Web Design Frameworks and Tools

Overview of popular frameworks (Bootstrap, Foundation, etc.)

Pros and cons of using frameworks

Introduction to design tools (Sketch, Figma, Adobe XD)

Hands-on Activity: Exploring Frameworks and Tools

Experimenting with a chosen framework or design tool

Redesigning the responsive layout using the selected framework/tool

Sharing experiences and discussing the benefits and drawbacks

Day 3: UX and Responsive Design Best Practices

Design Patterns and UI Components

Common design patterns in responsive web design

Designing reusable UI components

Consistency and usability in UI components

Performance Optimization

Importance of performance in responsive design

Image optimization and responsive images

Minification and concatenation of assets

Hands-on Activity: Optimizing Performance (1.5 hours)

Applying performance optimization techniques to the responsive layout

Testing the improvements in performance

Sharing results and discussing best practices

Accessibility in UX and Responsive Design

Importance of accessibility in web design

Accessibility principles (WCAG)

Accessible design patterns and techniques

Hands-on Activity: Evaluating and Improving Accessibility Assessing the accessibility of the responsive layout

Implementing accessibility improvements

Testing and discussing the results

Design Collaboration and Handoff

Collaborating with designers, developers, and stakeholders

Effective communication and documentation

Design handoff tools and techniques

Hands-on Activity: Simulating Design Handoff

Participants will work in pairs to simulate a design handoff

Reviewing, discussing, and providing feedback on each other's responsive layouts

Sharing experiences and lessons learned

Additional Course Details

Nexus Humans Mastering User Experience (UX) Design for Experienced Web Developers (TT4213) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Mastering User Experience (UX) Design for Experienced Web Developers (TT4213) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Mastering User Experience (UX) Design for Experienced Web Developers (TT4213)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Mastering User Experience (UX) Design for Experienced Web Developers (TT4213) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Mastering User Experience (UX) Design for Experienced Web Developers (TT4213) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Mastering User Experience (UX) Design for Experienced Web Developers (TT4213)?

Yes, we provide corporate training, dedicated training, and closed classes for Mastering User Experience (UX) Design for Experienced Web Developers (TT4213). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: UX; UI

Q: Why choose Nexus Human for Mastering User Experience (UX) Design for Experienced Web Developers (TT4213)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Mastering User Experience (UX) Design for Experienced Web Developers (TT4213) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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