ITS HTML5

Category: Software Development & Programming | **Vendor:** Pearson

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

Course Information

Delivery Format: Mentored

Certification: ITS HTML5

Course Overview

The HTML5 Application Development Course is designed to prepare students to develop dynamic web applications for different devices. HTML is commonly thought to be used as a web technology to get a user interface. However, this course will focus on HTML5, CSS, and JavaScript in application development. Upon completion of this course, the students will be able to evaluate, design, and develop functional and responsive web applications that will run on a variety of devices, such as PCs, tablets, and phones.

About This Course

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Who Should Attend

This course has been designed for high school students and intermediate-level developers who are interested in taking the next step in application development and in obtaining a working-level proficiency with HTML5 and CSS. After taking this course, you will be able to write syntactically correct HTML5 and CSS and utilize JavaScript to create an interactive web experience. You will also be able to employ the canvas element, the svg element, and CSS to achieve professional styling and manage content layout. Another important outcome from this course is the ability to develop applications that are responsive on various devices.

Prerequisites & Entry Requirements

General Prerequisites:

The students should have some basic knowledge of operating systems and computer networks. The students should be familiar with the usage of the Internet and web browsers.

Learning Outcomes

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

Upon successful completion of this course, students should be able to: Describe the application lifecycle and analyze, plan, develop, and maintain an application based on this structure. Perform application testing and debugging. Apply their knowledge of the canvas element and the svg element to create and display graphics and animations, do styling and enhancements, and apply CSS filters. Describe how forms work. Manage content layout and create responsive and flexible designs. Apply their knowledge of JavaScript to manage the state of an application.

Detailed Course Outline

Lesson 1: Application Lifecycle Management

- Skill 1.1: Describe the application lifecycle management stages.

- Skill 1.2: Debug and test web apps.

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Lesson 2: Graphics and Animation

- Skill 2.1: Use the canvas element to create graphics and animations.
- Skill 2.2: Use the svg element to create and display graphics.
- Skill 2.3: Transform, style, and enhance text and graphics.
- Skill 2.4: Apply CSS filters to images.

Lesson 3: Forms

- Skill 3.1: Construct and analyze markup that uses form elements.
- Skill 3.2: Configure input validation.

Lesson 4: Layouts

- Skill 4.1: Manage content layout, positioning, and flow by using CSS.
- Skill 4.2: Construct layouts by using responsive design.
- Skill 4.3: Construct flexible responsive layouts by using CSS flexbox.
- Skill 4.4: Construct grid-based layouts by using CSS grid.

Lesson 5: JavaScript Coding

- Skill 5.1: Create and use custom classes.
- Skill 5.2: Perform data access by using JavaScript.
- Skill 5.3: Construct code that responds to events by using event listeners and handlers.
- Skill 5.4: Construct code that uses JavaScript APIs.
- Skill 5.5: Manage the state of an application.

Additional Course Details

Nexus Humans ITS HTML5 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 ITS HTML5 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 ITS HTML5?

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: What certification does this course prepare me for?

The ITS HTML5 course helps prepare you for the ITS HTML5 certification path.

Q: How many CPD hours does this course provide?

The 3-day ITS HTML5 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 ITS HTML5 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 ITS HTML5?

Yes, we provide corporate training, dedicated training, and closed classes for ITS HTML5. 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: Why choose Nexus Human for ITS HTML5?

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 ITS HTML5 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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