

Course Name	IBM CE - Introduction to HTML5, JavaScript Programming and Dojo Mobile
Course Code	AIMHTJB1P
Course Duration	25 Hours
About the Technology	<p>Most modern browsers support HTML5, which is great for mobile applications. HTML5 adds many new elements to improve structure, allow audio and video content, and make web applications more mobile-device friendly. Many elements and attributes were changed or obsolete. The content model changed significantly. Many interfaces were extended.</p> <p>Another major change is that HTML5 has none of the presentational attributes that were in HTML4. These functions are now handled by CSS, which is why we care about it. CSS3 supports many cool features like gradients, rounded corners and shadowing. It makes web sites look modern. Any web developer who has not yet moved to HTML5 has some homework to do.</p> <p>JavaScript is the most popular language on the web. It has a relatively short ramp-up time and is very well-suited to creating mobile web applications, HTML5 and JavaScript work together and taking full advantage of all they have to offer.</p>
About the course	This course is designed to teach you how to build browser-based desktop and mobile web applications that are based on standards like HTML (hyper-text markup language), CSS (cascading style sheets), JavaScript and Dojo.
Audience	<p>This course is designed for web developers who want to create cross-platform dynamic web applications that can run on desktop browsers and on mobile devices.</p> <p>Students of</p> <ul style="list-style-type: none"> - Engineering (CS, IT)- 3rd / 4th Year - MCA – 1st/ 2nd Year - BSc, BA -3rd Year
Pre-Requisites	<p>Before taking this course, you should have some familiarity with the Eclipse-based development tools in order to be able to complete the exercises. A basic knowledge of a mobile web UI framework, such as Dojo Mobile, is helpful.</p> <p>Pre-requisites courses:</p> <ul style="list-style-type: none"> • IBM CE – Introduction to Object -Oriented Programming using Java



Contents	<p>After completing this course, you should be able to:</p> <ul style="list-style-type: none">• Describe how HTML5 supports the development of cross-platform applications• Code JavaScript functions• Use the form elements of HTML5• Develop simple web applications with HTML5, JavaScript, and Cascading Style Sheets (CSS)• Using the Dojo framework for mobile development and Dojo 1.7 mobile features
Applicable IBM Certification*	-
Follow on Courses	IBM CE - Enterprise Mobile Application Development and Deployment using IBM Worklight

**Certification examinations are not included as a part of the course. Certification vouchers are available at discounted pricing.*