

Course Code	
Course Name	Bootstrap 4

Duration (in days)	2	Proficiency Level	Front End Development
Pre-requisites	None	Target Audience	Campus Hires

Learning Outcome

At the end of the program, participants will be able to learn,

- Understand the benefits and the fundamentals of using Responsive Web Design.
- Learn responsive layout techniques including liquid and adaptive layouts.
- Use responsive typography techniques.
- Incorporate responsive images using HTML, JavaScript, and CSS.
- Learn how to present images in different resolutions adaptively across a wide array of devices.
- Display data cleanly on multiple devices using responsive tables.
- Learn to use CSS3 for transforms, transitions, and animations.
- Use Bootstrap layout techniques.
- Create responsive tables.

Day-wise Session Plan

Day	Unit	Objective(s)	Hours
1	Bootstrap Environment, Requirements, & Setup	<ul style="list-style-type: none"> • History of Bootstrap • Need for Bootstrap • Technologies and Features of Bootstrap • Bootstrap Requirements • Build a Template for Bootstrap Use • Bootstrap Containers • Bootstrap Grid System • Bootstrap Typography • Bootstrap Tables 	5
1,2	Bootstrap Forms & Layout	<ul style="list-style-type: none"> • Bootstrap Form • Bootstrap Inputs • Bootstrap Inputs Group • Bootstrap List Groups • Form State and Buttons • Bootstrap Button Groups • Bootstrap Images and Utilities • Utilities for Positioning and Responsiveness 	6 (3+3)
2	Whole Page Controls & Extending Bootstrap	<ul style="list-style-type: none"> • Navigation by Tabs, Pills and with Dropdown • Navbar • Breadcrumbs • Pagination • Carousel • Toast • Panels • Labels 	5