



# Web Development Using Bootstrap

Course ISI-1471    Three days    Instructor-led

## Introduction

Students attending this three day instructor-led course will learn the power of Web Development using the very popular Bootstrap framework. You will learn how to use the internal techniques used in developing rich, responsive web content that can be used on any desktop browser or mobile device.

This course will familiarize you with all the features, functionalities, and architectural knowledge of the Bootstrap platform. You will begin by discovering the mobile-first philosophy and what Bootstrap is. You will learn about Bootstrap's architecture and components, and how to use Bootstrap with LESS. You will create responsive layouts using Bootstrap CSS and work with the packaged components that come along with Bootstrap. You will proceed to explore the various JavaScript components and add-ons offered by Bootstrap.

By the end of this course, you will be able to build, compile, and customize your own Bootstrap system to create mobile friendly websites

## At Course Completion

After completing this course, students will be able to:

- Understand the internal architecture and structure of Bootstrap
- Download and configure Bootstrap in your web project
- Get to grips with the usage of Bootstrap CSS and its components
- Build and compile Bootstrap from source code
- Work with the JavaScript objects offered by Bootstrap and the CSS pre-processors
- Customize and extend Bootstrap to suit your requirements

## Prerequisites

This course assumes the students have the following experience or courses:

- 3 Months developing with HTML5 and CSS3 or ISInc Course ISI-1372
- 3 Months developing with JavaScript or ISInc Course ISI-1337
- 3 Months developing with JQuery or ISInc Course ISI-1295
- Course ISI-1447, Responsive Web Design with HTML5 & CSS3

## Student Materials

Each student receives a printed copy of all the material presented by the instructor.

Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>



## Course Outline

- Why use Bootstrap
- Installing Bootstrap
- Mobile First Approach
- Using JavaScript and JQuery
- Working with Grids
- Using Tables
- Paging and Paggers
- Working with Images
- Using Wells and Panels
- Creating Buttons
- Working with Drop-Downs
- Using List-Groups
- Using NavBars
- Creating Tabs and Pills
- Bootstrap in popular environments
- Creating full navigation