



# Web Development with Bootstrap and JavaScript Libraries

Course ISI-1441

5 Days

Instructor-led, Hands on

## Introduction

In this special 5 day instructor-led course, you will learn the power of Web Development using the very popular **Bootstrap** framework. You will learn how to use the powerful techniques used in developing rich, responsive web content that can be used on any desktop browser or mobile device. You will also learn the purpose and development with some of the more popular JavaScript Libraries including **Knockout, Angular, Node,** and **Typescript.**

## Course Objectives:

Students will gain the following knowledge and skills:

- How and why to use Bootstrap
- Using JavaScript and jQuery with Bootstrap
- How to use Angular.js
- Why and how to use Node.js
- Why and how to use Knockout.js
- How and why to use TypeScript.js

## Prerequisites

Students should attend one of the following courses or have equivalent knowledge and skills:

- 6 Months developing with HTML5 and CSS3 or ISInc Course ISI-1372B
- 3 Months developing with JavaScript or ISInc Course ISI-1337
- 3 Months developing with JQuery or ISInc Course ISI-1295C

## Course Outline

### Module 1. Bootstrap

- Why use Bootstrap
- Installing Bootstrap
- Using JavaScript and JQuery
- Working with Grids
- Using Tables

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



- 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

## **Module 2: Angular.js**

- Introduction
- Why use Angular.js
- Getting Started
- Build a simple Project using Angular.js

## **Module 3: Node.js**

- Introduction
- Why use Node.js
- Getting Started
- Build a simple Project using Node.js

## **Module 4: Knockout.js**

- Introduction
- Why use Knockout.js
- Getting Started
- Build a simple Project using Knockout.js

## **Module 5: TypeScript.js**

- Introduction
- Why use TypeScript.js
- Getting Started
- Build a simple TypeScript.js Project
- Creating a Methodology