

# From Zero to Bootstrap 3

Developing websites that are responsive to different size devices is easy when you use the right tools. Twitter's Bootstrap is the tool of choice these days. Not only is it free, but also has many free themes that allow you to modify the look and feel in a flash. Learning bootstrap is easy with the resources available on the web, however, having someone walk you through the basics step-by-step will greatly increase your learning. This course assumes you know little or nothing about bootstrap, but you want to learn how to create great looking websites that work on a desktop, tablet or smart phone. In this course you see how to use the Bootstrap grid system, use helper classes, buttons, text, wells, glyphs, images, alerts, forms, panels and much more.

## Learning Objectives

Become familiar with Bootstrap 3

Learn to build web pages that are responsive

Learn to use jQuery to manipulate the Bootstrap elements

Build some standard business UI pages

## Prerequisites

Familiar with HTML and CSS. Know how to program in JavaScript and jQuery.

## Course Length

1.5 days

## Module 1: Introduction to Bootstrap

Overview of Bootstrap

Including Bootstrap in your project

## Module 2: The Bootstrap Grid System

- Breakpoints
- Grid system

## Module 3: Helper classes

- Text helper classes
- Background helper classes

## Module 4: Buttons

- Styling buttons
- Buttons in a group
- Buttons as check boxes
- Buttons as radio buttons
- Button toolbars
- Drop-down menus on buttons

## Module 5: Text

- Justifying text
- Upper and lower case
- Block quotes
- Lead paragraphs

## Module 6: Wells

- Wrapper around other HTML

## Module 7: Glyphs and Images

Built-in set of icons

Using glyphs in span, i and button elements

Responsive, rounded and thumbnail images

## Module 8: Alerts

Display messages to user

Dismissable

Fixing a Bootstrap bug

## Module 9: Forms

Working with input forms

Label elements

Input elements

Horizontal forms

## Module 10: Panels

Creating a panel

Using panels for forms

## Module 11: Lists

Built-in styles for <ul>, <ol>, <dl>, etc.

Un-styled and inline lists

Linked list groups

Build your own custom link list groups

## Module 12: Tables

Bordered, condensed and striped tables

## Module 13: Thumbnails

Use small images for links

## Module 14: Tooltips

Place tooltips anywhere around an element

Animating tooltips

Create your own tooltip look and feel

## Module 15: Popovers

Similar to Tooltips

Add more content

## Module 16: Tabs

Tab control

## Module 17: Accordions

Collapse and expand HTML areas

## Module 18: Carousel

Create list of items to rotate through  
Can rotate on click or on a timer

## Module 19: Modal

Pop-up form

## Module 20: Events

Respond to bootstrap events

## Module 21: Horizontal Navigation

A simple navigation bar  
Fixed and scrollable navigation  
Collapse navigation bar on smaller browser  
Add second line to Nav  
Drop-down menus

## Module 22: Side-bar Navigation

Creating your own side-bar navigation

## Module 23: Build Your Own Useful Bootstrap Widgets

How to extend Bootstrap  
Extending Accordions

Create a dashboard

Create a progress bar

## **Module 24: Standard Business UI Pages**

A set of standard UI pages you might need

Login, About, Address, Contact US, Credit Card, etc.