

## Course duration

- 2 days

## Course Benefits

- Learn to learn what Sass is and why to use it.
- Learn to learn to work with preprocessors.
- Learn to learn to install and configure Sass on either a PC or a Mac.
- Learn to learn the Sass philosophy on code organization.
- Learn to learn how comments work in Sass.
- Learn to learn how to work with operations, control directives, and expressions.
- Learn to learn about mixins, such as bourbon, and learn how to write your own.
- Learn to understand when and how to use nesting.
- Learn to learn how to write your own functions.
- Learn to learn about extending and framework options.

### Available Delivery Methods

#### **Public Class**

Public expert-led online training from the convenience of your home, office or anywhere with an internet connection. Guaranteed to run .

#### **Private Class**

Private classes are delivered for groups at your offices or a location of your choice.

#### **Self-Paced**

Learn at your own pace with 24/7 access to an On-Demand course.

## Course Outline

1. Introduction/Why Sass?
  1. The Problem Sass Solves
    1. Benefits of Sass
    2. Code Organization
    3. Performance
    4. Valid CSS
    5. Libraries
2. Sass Syntax

3. How to Use Sass
4. Coming Attractions
  1. Organizing Sass
  2. Nesting
  3. Variables
2. Organizing and Including Sass Code
  1. Sass Partials
  2. Partials/@import Example
  3. Sass Watch
  4. Exercise: Using Partials
  5. Code Organization
  6. The Sass Blog
  7. The Sass Blog: With Sass Partials
    1. Directory Structure & Master Sass File
    2. The general Partial
    3. The header Partial
    4. The maincontent Partial
    5. The mainnav Partial
    6. The footer Partial
    7. The forms Partial
    8. Up Next
  8. Exercise: Extending the Sass Blog
  9. More Styling for the Blog: Syntax Highlighting
  10. Exercise: Adding Syntax Coloring
3. Nesting
  1. Nesting
  2. Referencing the Parent Selector with &
  3. Nested Properties
  4. Nesting Example
  5. Exercise: Using Nesting
  6. Nesting and Media Queries
  7. How Much to Nest
  8. Exercise: Using Nesting with the Sass Blog
  9. Nested @import
4. Sass Variables
  1. Variables
  2. Variable Naming Guidelines
  3. Variable Scope
    1. Shadowing
    2. Overwriting Global Variables within Blocks
  4. Exercise: Using Variables in Sass
  5. When to Use Variables
  6. Exercise: More Variables
  7. Exercise: Adding Variables to the Blog
  8. Advanced Sass
    1. Operations and Control Directives
    2. Functions

3. Mixins
4. Debugging

## Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

### Class Prerequisites

Experience in the following *would be useful* for this CSS class:

- CSS experience is helpful but not required for this course.

### Follow-on Courses

- [Introduction to CSS Training](#)
- [Advanced CSS Training](#)
- [CSS3 for Web Designers and Developers](#)