



# Learning Autodesk Revit Structure 2010

Course Length: 3 day (24 hours)  
 Course Fee: \$795<sup>00</sup> per person  
 Class Hours: 8:00am – 5:00pm

## Spokane, WA

159 S. Lincoln Street  
 Suite 321  
 Spokane, WA. 99201  
 509-326-7789

## BOISE, ID

950 W. Bannock Street  
 Suite 270  
 Boise, ID 83702  
 208-336-6641

## Helena, MT

1235 Birch Street  
 Suite 3  
 Helena, MT 59601  
 406-442-8700

## Objective

To teach users the concepts of Building Information Modeling and introduce the tools for parametric design, analysis, and documentation using Autodesk Revit Structure. Users will be able to complete their first Autodesk Revit Structure project after completing this class.

## Prerequisites

- Structural engineering, drafting, or architectural design experience is highly recommended. No previous CAD experience is necessary.
- A working knowledge of Microsoft® Windows® Vista, Microsoft® Windows® XP, or Microsoft® Windows® 2000.

## Topics Include:

- Building Information Modeling
  - Building Information Modeling
- Revit Structure Basics
  - Exploring the User Interface
  - Working with Structural Elements and Families
- Viewing the Structural Model
  - Working with Views
  - Controlling Object Visibility
  - Working with Elevation and Section Views
  - Working with 3D Views
- Starting a New Project
  - Starting a Project
  - Adding and Modifying Levels
  - Creating and Modifying Grids
- Creating Structural Columns and Walls
  - Working with Structural Columns
  - Working with Structural Walls
- Creating Frames
  - Adding Floor Framing
  - Working with Beams and Beam Systems
  - Working with Structural Steel Frames
  - Working with Structural Concrete Beams
- Creating Floors and Roofs
  - Adding Floors
  - Creating Roofs and Adding Structural Framing
- Creating Foundations
  - Adding Foundations
- Stairs and Ramps
  - Creating Stairs
  - Creating Ramps
- Creating Plan Annotations and Schedules
  - Adding Dimensions
  - Working with Text and Tags

To register for this class please visit our Training page on our website  
<http://pacificad.com/services/training.asp>

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# Training Course Outline

CAD Software • Consulting • Programming • Training