



# Revit® Structure Fundamentals

**Objective:** Introduction to Building Information Modeling (BIM) and the tools used for parametric design, analysis and documentation. Learn the fundamental features of Autodesk® Revit® Structure, use the 3D parametric design tools for creating and analyzing a project and finish with design visualization and construction documentation.

**Course Length:** 4 days (32 hours)

## Day 1

- Building Information Modeling
- Revit® Structure Basics
- Viewing the Structural Model

## Day 2

- Starting a New Project
- Creating structural Columns & Walls
- Creating Frames
- Creating Floor & Roof

## Day 3

- Creating Foundations
- Stairs & Ramps
- Loads and Analysis

## Day 4

- Creating Plan Annotations & Schedules
- Creating Detailing
- Creating Construction Documents

- Lunch is included.
- Class is from 8:30 a.m. to 5:00 p.m.
- After completion of an entire class, students may audit the same class for one year, if space is available in the class.
- The entire class is purchased at one time, but individual days may be attended sequentially over several months.



### Advantages to Training at Repro Products' Autodesk® Authorized Training Center:

- Learn from our Autodesk Certified instructors at our superior facilities.
- Receive Autodesk® recommended content from Autodesk® Official Training Guides.
- Get your hands on sample projects and exercises that emphasize real-world application.

**Prerequisites:** A working knowledge of structural design/drafting procedures and terminology as well as Microsoft Windows 7.

**Cost:** \$325 per day plus a \$100 fee for a manual which must be purchased for enrollment.

### Continuing Education Units

Ask Repro Products about earning credits for mandatory Continuing Education classes (including the American Institute of Architects - AIA) and other professional development programs.

**Call 678-486-3171 to schedule your training.**

[www.reproproducts.com](http://www.reproproducts.com)