

# 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 included for onsite classes at Repro Products' Authorized Training Center.
- 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.

**Prerequisites:** A working knowledge of structural design/drafting procedures and terminology as well as Microsoft Windows 10.

### 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.



**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.

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

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