RPI
PUBLIC SECTOR

AUTODESK
Gold Partner

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Public Sector

Class Outline & Syllabus

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 when training at our facility.

- Class is from 8:30 a.m. to 4:30 p.m.

- Students will receive a certificate upon completion.

- After completion of an entire class, students may audit the same class for one year, if space is available in the class.

- Attend the class in person at our training center in Atlanta or virtually from anywhere in the world via the internet

Improve Design Workflow

Increase Productivity

Communicate Design Intent Better

Collaborate Remotely

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 basic design/drafting procedures and terminology as well as Microsoft operating system.