

Technical Education Services

Leica CloudWorx for Revit

Course Length: ½ day

In this Leica CloudWorx for Revit training course, we will review best practices for creating geometry from point cloud data, as well as how to work with large data files. Users take advantage of the familiar Revit interface and tools to shorten the learning curve for working with laser scan data. Leica CloudWorx, the powerful Leica Cyclone, and new Leica JetStream point cloud engines let Revit users efficiently visualize and create BIM models from large point cloud data sets. Users get all the advantages of a high-performance point cloud application directly within Revit.

Upon completion of this Leica CloudWorx for Revit course, students will be able to:

- Work in Revit with point clouds from any laser scanner or point cloud-creating 3D sensor
- Set Building Levels directly from the point cloud
- Manipulate and navigate large point cloud datasets faster, including slices, sections, and limit boxes
- Place Revit model item (walls, floors, structural members, etc.) from picks on the point cloud
- Place Revit model item Steel, flange, automatic pipe, and 2D line fitters

Prerequisites

Students should be comfortable with the fundamentals of Autodesk Revit as typical with Autodesk Revit: Fundamentals for Architecture, or MEP, or Structure. Knowledge of basic techniques is assumed, such as creating typical elements as well as copying and moving objects, creating, and working with views, etc.

Topics, curriculum, and/or prerequisites may change depending on software version.



Training Guide Contents

1. CloudWorx for Revit

- Importing Data using ReCap & Connecting to CloudWorx
- Importing Data using JetStream
- Clippings Tools
- Setting Levels
- Fitters (Walls, Windows, Doors, Steel and Pipe)
- Export Points for Family Creation

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Cancellation Policy

The following cancellation policy shall apply to all training engagements, Live Online, Consulting Services and Dedicated/Custom Training:

- Company reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Company, Customer is entitled to a full refund. Company shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.
- For Customer cancellations when written notice is received (i) at least ten (10) business days in advance of the class, the Customer is entitled to a full refund of its payment or reschedule enrollment, (ii) less than ten (10) business days, Customer shall not be entitled to a refund, but shall receive a class credit to be used within three (3) months of the date of the original class.
- Student substitutions are acceptable with at least two (2) days prior notice to the class, provided substitution meets course prerequisites and is approved by Company's Training Coordinator (trainingcoordinator@rand.com)
- For all Training orders, cancellation notices must be submitted to trainingcoordinator@rand.com. Company is not responsible for any error in the delivery of the email notice. In the event of any reschedule of Consulting Services and/or Dedicated/Custom Training by Customer, Company will invoice Customer for all non-cancellable travel expenses.

To request more information or to see training locations, visit www.imaginit.com/contact-us.

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