



Leica CloudWorx for AutoCAD

Course Length: ½ Day

In this Leica CloudWorx for AutoCAD 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 AutoCAD interface and tools to shorten the learning curve for working with laser scan data.

Topics Covered:

- Work in AutoCAD with point clouds from any laser scanner or point cloud-creating 3D sensor
- Auto-Fit Polyline tool lets users quickly fit 2D lines and arcs to the point cloud with one, two, or three pick points; combine with QuickSlice for fast, user-friendly 2D linework extraction
- Steel, flange, automatic pipe, and 2D line fitters
- Manipulate and navigate large point cloud data sets faster, including slices, sections, and limit boxes
- Place AutoCAD model item Steel, flange, automatic pipe, and 2D line fitters Floor Flatness and Floor Levelness tool with automatic ASTM 1155 standard report generation
- Orthoimage tool to create GeoTIFF, PNG, JPEG, GIF, and BMP images with options for direct opening in AutoCAD
- Auto Linework Assist speeds the deliverable creation process by assisting users in the deliverable creation process.

Prerequisites:

Completion of the AutoCAD: Fundamentals course, or equivalent experience using the AutoCAD software.

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

Learning Guide Contents

CloudWorx for AutoCAD

- Importing Data using ReCap & Connecting to CloudWorx
- Importing Data using JetStream
- Clippings Tools
- Orientation Tools
- Fitters (Pipe & Steel)
- Auto-Fit Line Tools, Workplane & Point Snap
- Points on a Grid & Floor Flatness
- Using TruSpace

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

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.

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