

# Autodesk Recap Training Course

## Course Overview

### Course Length: 4-Hours

- 4-Hours Training Session
- Remote training over MS Teams
- Sessions are recorded and download links for each session are provided for future reference
- Training for up to 1-3 people
- Sessions can start within 7 days upon ordering
- Flexible scheduling options to suit project and team availability
- Private course with topics tailored to your scan-to-BIM or reality capture workflow
- Includes Certificate of Completion

This Autodesk ReCap Training Course provides a practical introduction to reality capture and point cloud workflows for architecture, engineering, construction, and surveying teams. Participants will learn how to create and manage ReCap projects, import and register scan data, navigate and inspect point clouds, clean and organise datasets, take measurements, create regions, and prepare files for use in downstream Autodesk applications such as Revit and Civil 3D. The training is designed for beginners and intermediate users who want a clear, efficient workflow for turning scan data into usable project information.

## Topics Covered

- Understanding Autodesk ReCap, reality capture concepts, and common scan data types
- Creating projects and importing laser scan or point cloud files
- Registering scans using automatic and manual workflows
- Navigating point clouds in 3D View and RealView
- Cleaning, isolating, and organising scan data with selection tools, limit boxes, and regions
- Adding measurements, notes, and basic project annotations
- Exporting and preparing ReCap deliverables for Revit, Civil 3D, Navisworks, or client review

## Prerequisites

No prior Autodesk ReCap experience is required. A basic understanding of construction, surveying, scan data, or BIM workflows, along with general computer skills, will help participants get the most from the course.

## Training Guide Contents

### Chapter 1: Introduction to Autodesk ReCap and Project Setup

- Overview of reality capture and point cloud workflows
- Understanding ReCap projects, file types, and project structure
- Interface, navigation, display controls, and viewing tools
- Importing scan files and setting up a new project

## **Chapter 2: Scan Registration and Point Cloud Review**

- Structured and unstructured scan workflows
- Automatic and manual registration methods
- Registration quality checks and common troubleshooting tips
- Working in 3D View, RealView, and minimap navigation

## **Chapter 3: Cleaning, Organising, and Analysing Point Clouds**

- Selection tools for isolating and removing unwanted points
- Using limit boxes, regions, and view states to manage large datasets
- Measuring distances and adding notes or comments
- Organising scans for clearer downstream modelling workflows

## **Chapter 4: Export, Integration, and Best Practice Workflows**

- Saving, indexing, and publishing ReCap project files
- Exporting deliverables for Revit, Civil 3D, Navisworks, and client review
- Managing file size, performance, and project organisation
- Recommended scan-to-BIM and reality capture best practices