



Scantech 3D Advanced Training



## What is the synopsis for a Scantech Advanced Training Course

### Scantech 3D Advanced

Course ID: S3D\_ADV

Level: Fundamentals & Advanced

Duration:

- In-person instructor-led classroom session, 1 day
- Virtual Classroom, 1 day
- Onsite Training, 1 day

### Overview

This instructor-led course covers the usage and concepts of **Scantech 3D scanner and ScanViewer software**. The user will learn how to interact with the application, process data, generate and edit STL models, and post process data for downstream applications as well as inspection tools.

## Who should attend?

This course is designed for existing users to **ScanViewer Software** who are responsible for creating STL and/or surface models of scanned parts.

## What will I learn?

- Processing of scan data, point cloud and mesh
- Editing of mesh data
- Create Color Maps and utilizing Inspection tools
- Quality Control tools
- Advanced editing tools

## Course Agenda

- Scantech Scanner and Software Overview
  - Introduction to ScanViewer Software
  - Concepts and Workflows
- Learning the User Interface
  - User Interface
  - Selection and Navigation
  - Tools & Features
- Point Fundamentals
  - Basic Scanning Techniques
  - Data Registration and Merging
- Mesh Fundamentals
  - Basic Mesh Editing
- Inspection
  - Creating Inspection Reports
  - GD&T
- Exporting of Data
  - Exporting files and downstream workflows
- Open Discussion
  - Time available to discuss company specific workflows and techniques

## **Prerequisites**

In this course the user will be working intensively with ScanViewer software. To successfully understand the content and complete the activities, the user must already be able to:

- Understand and use Windows conventions.
- Understand basic scanning techniques, processing data and overview of available tools inside ScanViewer

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