

CATIA V5 Reverse Engineering Training

INTRATECH work as an extension of your team to offer an exceptional PLM experience. We combine your goals and passion, with our knowledge, creating shared experiences. We adopt the latest tech and agile methodologies so, even as technology changes, our relationships last a lifetime.

We are a Dassault Systèmes Authorized Certification centre and an OEM Endorsed Training Provider. Training with INTRATECH supports your use of technology, creating new innovations, adopting new tools and methodologies. We use our own experienced engineers to deliver training courses covering the 3DEXPERIENCE® platform, CATIA, ENOVIA, DELMIA and SIMULIA Abaqus.

Objectives

This course will show you how to use tools from the Digitized Shape Editor workbench and tools specific to Quick Surface Reconstruction and Realistic Shape Optimizer.

Students will learn how scans and curves can be rapidly created on a mesh, and how surfaces can be quickly derived from the resulting curves. Students will also learn how to use the Shape Sculptor application to add details or deformation to shapes.



Duration

3 Days



Portfolio

Mechanical Designers



Pre-Requisite

- CATIA V5 Fundamentals

Course Content

Days	Content
Day 1	Digitized Shape Editor • Import and process digitized point cloud data • Create tessellated mesh on the point cloud data • Extract characteristic curves from the data • Export the result in the popular file formats
Day 2	Quick Surface Reconstruction • Create scans from point cloud data and use them to draw curves and surfaces • Create model and fillet model • Create deviation analysis annotations
Day 3	Shape Sculptor • Introduction to CATIA Shape Sculptor • General Tools • Selection and Activation • Creation • Mesh Edition • Modeling Shapes • Terrain Modeling



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For more information about our available training courses, visit our website www.intratechsa.co.za or email us on training@intratechsa.co.za

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