

CATIA 3D Generative Structural Analysis

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

Building on the Fundamentals course, CATIA V5 Advanced training takes you to the next level. As well as covering the more advanced capabilities of CATIA such as PowerCopy, this course continues the development of 'best practice' methodologies. Students will be equipped to use the 'Advanced' features offered by the Part Design workbench and learn how to make use of component catalogues and how to store and create re-usable parameterised features.

The course includes a mixture of presentation, tutorial and exercises, enabling students to gain hands-on experience. The instructor has an engineering background and can relate to real world examples.



Duration

4 Days



Portfolio

CATIA V5
Mechanical Design
Engineers with a
minimum of 6
months use of
CATIA V5



Pre-Requisite

- CATIA V5
Fundamentals

Course Content

Days	Content
Day 1	- Using 3D Reference Elements to Create a part - Sketch Based Features - Part Manipulation - Advanced Dress-Up Features
Day 2	- Part Analysis - Annotate Parts for Review - Managing a Product Structure - Designing and Managing Contextual Parts
Day 3	- Creating and using Published Flexible Sub-Assemblies - Geometry - Working with Large Assemblies
Day 4	- Assembly Analysis - Creating and Using Power Copy - Creating Catalogues of Components



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Pre-Requisite

- CATIA V5
Fundamentals



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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