

CATIA Part Design Expert

Brand	CATIA
Discipline	CATIA Mechanical Design V5
Release	V5R21
Duration	12 hours – 2 Days
Level	Advanced
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a part using 3D reference elements - Create advanced Sketch-Based Features - Apply advanced Dress-Up Features - Design 3D parts using Boolean operations - Work in a Multi-Model Environment and share your designs with others - Analyze parts and optimize them - Annotate the parts for review
Participants profile	CATIA V5 Mechanical Designers
Prerequisites	Students attending this course should have attended the CATIA V5 Fundamentals, Getting started with CATIA V5, CATIA Sketcher, and Part Design Fundamentals courses
Description	<p>This course will teach you how to design complex 3D mechanical parts using the Boolean approach. You will learn how to work in a Multi-Model Environment and maintain links between your 3D models. You will also learn how to analyze your designs in order to optimize them.</p>

See Next Page for Additional Exercises

CATIA Part Design Added Exercises

Brand	CATIA
Discipline	CATIA Mechanical Design V5
Release	V5R21
Duration	12 hours – 2 Days
Level	Exercise
Objectives	<p>Upon completion of these exercises you will have:</p> <ul style="list-style-type: none">- Refreshed your basic Part Design skills- Learned the recommended design methodologies to design parts
Participants profile	Mechanical Design Users
Prerequisites	Students attending this course should have attended the CATIA Part Design courses and the CATIA Knowledgeware courses
Description	<p>This course provides you with an exercise database for additional practice on CATIA Part Design. The exercises have been arranged in increasing order of difficulty. The fundamental exercises will check and refresh your basic Part Design skills before you move on to more complex topics. The advanced exercises will make you practice recommended design methodologies using realistic parts.</p>