



AscendBridge: CATIA V5 Ultimate Training Package: Fundamentals & Advanced

Price per Student \$3750.00 - 10 Days of Training (**Savings of \$1050!**) **Duration:** 2- 5 Day Sessions **Student Profile:** CATIA V5 Users or other CAD tool users

There is an emerging demand for CATIA V5 usage in the industry and organizations are looking to train their designers to effectively use CATIA V5 in the shortest possible time. In order to fulfill this prime objective of CATIA V5 compliance for many organizations, AscendBridge recommends the two weeks Ultimate Training Package. This package is recommended for all new and experienced designers with a requirement for professional training on CATIA V5.

For the purpose of imparting perfection in CATIA V5 usage in limited time frame this training is divided into two separate five day training sessions. The first session consists of the CATIA V5 Fundamentals course, where the students will be introduced to the CATIA V5 fundamental concepts, user interface and basic manipulation and modeling commands. Students will learn the concept of sketch-based features, dress-up features, transformation features, management of parts through an assembly design and how to generate standard drawings of parts and assemblies. The part creation in this course is mainly focused on the creation of parts based on 2D profiles (sketches), or with reference to an assembly of existing components.

The second session which is recommended to be taken within 3 – 6 weeks of successful completion of the CATIA V5 Fundamentals session consists of the CATIA V5 Advanced Design course. In this course users are trained on Advanced Modeling tools using complex Solid and Surface features of CATIA V5 with a key emphasis on the methodology of design using CATIA V5 PLM Solutions. This will enhance their productivity by reducing modeling time and better control over design modifications. During this session users will also learn advanced assembly functions to control complex assembly structures, top-down and bottom-up assembly concepts, modeling in assembly context as per industry standards and practices, reviewing assemblies for interferences, mass & inertia calculations, techniques of working with large assemblies and generating assembly BOM. The topics of generating complex drawings of large assemblies are also covered during this training session.

After successful completion of the above two weeks of formal education on CATIA V5 Fundamentals and Advanced topics, we ensure that the designers will be fully functional and productive on the Part, Assembly, Surface design and Drawing generation products. The students will also be able to use CATIA V5 effectively in their daily design tasks.

Terms & Conditions:

The student will have to register for the CATIA V5 Ultimate Training Combo by paying the full fee of \$3750.00 CAN in advance at the time of registration to be eligible for this special discounted price. The CATIA V5 Fundamentals and Advanced Design Training weeks bundled in this package have to be completed within 10 months from the date of registration. The training courses should be selected and booked on-line at our website. The discounted price is available only for a single registrant for both weeks of courses.



Register on-line or call 1-888-326-8326
Information contained within is subject to change. All classes are dependent on minimum enrollment
Prices indicated do not include applicable taxes





Define your CATIA skills

AscendBridge Course Offering: CATIA V5 Fundamentals

OBJECTIVE: The students will be introduced to the CATIA V5 fundamental concepts and interface. Students will learn the concept of sketch-based features, the management of parts through an assembly and how to generate standard views from this assembly. The part creation in this course is mainly focused on the creation of parts based on 2D profiles (sketches), and on the assembly of existing components.

Price per Student

Duration: 5 Days

Student Profile: CATIA V5 Users

Pre-requisites: None

TOPIC	DETAILS	TOPIC DURATION
Sketcher	Getting Started with CATIA V5 Sketcher Geometry Management Sketcher Constraints Management Sketch Analysis Tools	1 Day
Part Modeling	Sketch Based Features Dressing-Up Features Transforming Features	2 Days
Assembly	Assembling Components Positioning Components using Constraints Editing Parts in an Assembly Designing in Context of an Assembly Working with Components	1 Day
Drafting & Drawing Generation	Starting a Drawing and View Generation Additional View Generation Dimensioning and Annotating Editing View's Layout and Properties Finalizing the Drawing and Printing	1 Day



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Define your CATIA skills

AscendBridge: CATIA V5 Advanced Design

OBJECTIVE: Enable users and designers to learn advanced tools of Modeling using complex Solid and Surface features of CATIA V5 to enhance their productivity by reducing modeling time and better control over design modifications. Also learn advanced assembly functions to control complex assembly structures, top to down and down to top assembly concept and modeling in assembly context as per industry standards and practices.

Price per Student	Package offer	
Duration: 5 Days	Student Profile: CATIA V5 Users	Pre-requisites: V5 Fundamentals
TOPIC	DETAILS	TOPIC DURATION
CATIA Surface Design	<ul style="list-style-type: none"> Introduction to Surface Design Creating Wireframe Geometry Creating Basic and Complex Surfaces Performing Operations on the Geometry Completing the Geometry in Part Design , Modifying the Geometry Draft Analysis and Surface Curvature Analysis 	2 Days
Part Design Expert	<ul style="list-style-type: none"> Advance Sketch Based Features Using 3D Elements to Create a Part Advance Dress-Up Features Part Geometry Analysis , Part Manipulations, Annotating Models 	1.5 Days
Assembly Design Expert	<ul style="list-style-type: none"> Designing and Managing Contextual Parts Creating and Using Published Geometry Flexible Sub- Assemblies Measuring, Sectioning, Clash Managing Scenes, Working with Large Assemblies Generating Reports, Numbering & Annotations 	1.25 Days
Drawing Generation Review	<ul style="list-style-type: none"> Advance Drawing Generation Techniques Managing Large Assembly Drawings 	0.25 Day



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