



Cultivate Productivity

Course: **CATIA V5 Ultimate Training Combo Package**

Objective: 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.

Duration: Two 5 Days Sessions

Price: \$3750.00 CAN for 10 Days of Training **(Savings of \$1050!)**

Student Profile: **CATIA V5 / V4 Users or other CAD tool user new to CATIA V5**

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.



Information contained within is subject to change without notice.
All prices quoted do not include applicable taxes. Updated 5/17/05
Call 905-944-0047 to register





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Course:	CATIA V5 Fundamentals
Duration:	5 DAYS
Student Profile:	CATIA V5 Users
Pre-requisites:	None

Content	Description	Time 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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Course:	CATIA V5 ADVANCED DESIGN
Duration:	5 DAYS
Student Profile:	CATIA V5 Users
Pre-requisites:	Working knowledge of CATIA V5 or V5 Fundamental Course

Content	Description	Time 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"> Advanced Sketch Based Features Using 3D Elements to Create a Part Advanced 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"> Advanced Drawing Generation Techniques Managing Large Assembly Drawings 	0.25 Days



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