

# CATIA TRAINING

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## **CATIA Version 5 Fundamentals**

**Course Length: 40Hours**

**Course Cost: \$1,100\***

This core course for new CATIA V5 users covers fundamental topics in the most commonly used workbenches including Sketcher, Part Design, Assembly Design, Wireframe and Surface Design and Drafting. The primary emphasis of the course is on solid modeling in V5 but an introduction to wireframe and surface modeling is also included.

## **CATIA Version 5 Fundamentals (Aero)**

**Course Length: 40 Hours**

**Course Cost: \$1,100\***

This core course for new CATIA V5 users covers fundamental topics in the most commonly used workbenches including Sketcher, Part Design, Assembly Design, Wireframe and Surface Design and Drafting. The primary emphasis of the course is on solid modeling in V5 but an introduction to wireframe and surface modeling is also included. Workshop examples focus on Aerospace parts and structures.

## **CATIA Version 5 Fundamentals for V4 Users**

**Course Length: 40 Hours**

**Course Cost: \$1,100\***

This core course for new CATIA V5 users is very similar to CATIA Version 5 Fundamentals course except it focuses on presenting topics in a comparative fashion with a CATIA V4 slant. This course also covers topics in V4/V5 Integration.

## **CATIA Version 5 Advanced Modeling**

**Course Length: 32 Hours**

**Course Cost: \$1,100\***

This course for more seasoned CATIA V5 users covers advanced topics in the Part Design and Assembly Design workbenches. The primary emphasis of the course is to build upon fundamental V5 skills and provide users with an expert understanding of CATIA part and assembly design. The curriculum includes a detailed review of Knowledge Tools commonly available in most V5 configurations and how to deploy these tools in collaboration with other V5 users.

## **CATIA Version 5 Administration**

**Course Length: 16 Hours**

**Course Cost: \$595\***

This course is for people who are tasked with supporting a CATIA V5 system installation either large or small. The primary emphasis of the course is on how to install, customize and manage CATIA V5 software.

## **CATIA Version 5 Manufacturing**

**Course Length: 40 Hours**

**Course Cost: \$1,100\***

This core course for CATIA V5 users involved in their company's manufacturing processes covers the crucial workbenches used to create, modify and output numerical control data for machining operations.

## **CATIA Version 5 Surface Design**

**Course Length: 24 Hours**

**Course Cost: \$850\***

This core course for new CATIA V5 users covers fundamental topics in 3D modeling of features available in the Wireframe & Surfaces and Generative Shape Design workbenches. The primary emphasis of the course is to give users a good fundamental understanding of CATIA Version 5 surface modeling practices.

## **CATIA Version 5 Structural Analysis for the Designer**

**Course Length: 24 Hours**

**Course Cost: \$850**

This core course is designed for CATIA V5 users who have a need to perform preliminary finite element analysis on their parts and assemblies while still in the early design stage. The focus is on processing static and frequency analysis computations on CATIA V5 Parts and Assemblies.

## **CATIA Version 5 Knowledgeware**

**Course Length: 32 Hours**

**Course Cost: \$1,100\***

This course for more experienced CATIA V5 users covers topics in the powerful Knowledgeware suite of workbenches. The focus of this course is on the applications most used by industries deploying CATIA V5 with a Knowledge-Based strategy including Common Knowledge Tools, Knowledge Template Tools, Advisor and Expert Rule Bases and Product Engineering Optimizer.

## **CATIA Version 5 Lite for Analysts**

**Course Length: 8 Hours**

**Course Cost: \$**

This course is for analysts who need to be able to perform basic part and assembly creation in CATIA V5 in order to support their analysis aims. Graduates of this course will be able to create basic CATIA V5 Parts and Assemblies, manipulate part models, extract mid-surfaces, make design modifications, perform measurements and extract section properties.

## **CATIA Version 5 Drafting**

**Course Length: 16 Hours**

**Course Cost: \$595\***

This course is for analysts who need to be able to perform basic part and assembly creation in CATIA V5 in order to support their analysis aims.

## **CATIA Version 5 Advanced Surface Design**

**Course Length: 40 Hours**

**Course Cost: \$1,100\***

This core course for new CATIA V5 users covers fundamental topics in 3D modeling of features available in the Wireframe & Surfaces and Generative Shape Design workbenches. The primary emphasis of the course is to give users a good fundamental understanding of CATIA Version 5 surface modeling practices.

## **CATIA Version 5 CAA Programming Basics**

**Course Length: 24–40 Hours**

**Course Cost: Varies Based on Course Length**

This course is intended for those who are transitioning from V4 to V5 CAA programming. The primary objective of this course is to make it easier for programmers to transition from the Fortran and C procedural languages environment of V4 to the C++ and COM environment of V5.

\*Prices shown are for Open Enrollment offerings only.