

CATIA CAA TRAINING

<https://www.cad-customization.com/catia-caa-training/>

C++ Fundamentals

- OOPS
- Classes
- Objects
- Inheritance
- Polymorphism
- Data types
- *Conditions*
- Loops
- Pointers & references
- Methods

COM Notations

- Dynamic Linking
- Exporting Objects
- Managing Lifetime
- Extending Objects
- IUnknown
- Smart Pointers
- HRESULT

Development Architecture

- One Technological Choice
- CAA Solution Architecture
- CAA Development Tools Basics

Object Modeler

- Overview
- Interface / Implementation Design Pattern
- Link between Interface & Implementation
- Extension Mechanism
- Late Type
- Life Cycle
- Smart Pointer
- Coding Rules

Application Frame

- CATIA V5 frame editor
- Workshop
- Workbench
- And Addin

User Interaction

- Commands
- Dialog Objects
- Layout Management
- Command / Dialog Integration
- Resources

Product Structure & Assembly

- Product
- Connector
- Publication
- Constraint

Specification Modeler

- Reason Of Using Specifications
- Object Specs Modeler Objectives
- Feature Structure
- Document architecture

Mechanical Modeler

- Objectives
- Frameworks
- The CATPart document
- The mechanical features

Knowledgware

- Overview
- Literal Feature
- Relation

Please Note:

This is not a regular CAD 2D or 3D Design Course. This is software development course for CATIA Customization & Automation.