



3DEXPERIENCE

V5 CATIA Academic

ED2-EDU V5-6R2013

Mechanical Design

CATIA - Composites Engineering 2 (CPE)
CATIA - Composites Design for Manufacturing 2 (CPM)
CATIA - 2D Layout for 3D Design 1 (LO1)
CATIA - Assembly Design 2 (ASD)
CATIA - Weld Design 1 (WD1)
CATIA - Part Design 2 (PDG)
CATIA - Part Design Feature Recognition (FR1)
CATIA - Functional Molded Parts 2 (FMP)
CATIA - Cast & Forged Part Optimizer 2 (CFO)
CATIA - Wireframe & Surface 1 (WS1)
CATIA - Generative Drafting 2 (GDR)
CATIA - Interactive Drafting 1 (ID1)
CATIA - 3D Functional Tolerancing & Annotation 2 (FTA)
CATIA - Structure Design 1 (SR1)
CATIA - Mold Tooling Design 2 (MTD)
CATIA - Core & Cavity Design 2 (CCV)
CATIA - Healing Assistant 1 (HA1)
CATIA - Sheetmetal Design 2 (SMD)
CATIA - Sheetmetal Production 1 (SH1)

Equipment and Systems Engineering Solutions

CATIA - Circuit Board Design 1 (CBD)
CATIA - Systems Routing 1 (SRT)
CATIA - Systems Space Reservation 2 (SSR)
CATIA - Electrical 3D Design & Documentation 1 (EC1)
CATIA - Electrical Library 2 (ELB)
CATIA - Electrical Wire Routing 2 (EWR)
CATIA - Electrical Harness Installation 2 (EHI)
CATIA - Electrical Harness Flattening 2 (EHF)
CATIA - Electrical Connectivity Diagrams 2 (ELD)
CATIA - Electrical Cableway Routing 2 (ECR)
CATIA - Systems Diagrams 2 (SDI)
CATIA - Piping & Instrumentation Diagrams 2 (PID)
CATIA - HVAC Diagrams 2 (HVD)
CATIA - HVAC Design 2 (HVA)
CATIA - Piping Design 2 (PID)
CATIA - Tubing Design 2 (TUB)
CATIA - Tubing Diagrams 2 (TUD)
CATIA - Waveguide Design 2 (WAV)
CATIA - Waveguide Diagrams 2 (TUD)
CATIA - Hanger Design 2 (HGR)
CATIA - Raceway & Conduit Design 2 (RCD)
CATIA - Equipment Arrangement 2 (EQT)
CATIA - Structure Functional Design 2 (SFD)
CATIA - Compartment & Access 2 (CNA)
CATIA - Plant Layout 1 (PLO)

Product Synthesis Solutions

CATIA - Knowledge Advisor 2 (KWA)
CATIA - Knowledge Expert 2 (KWE)
CATIA - Knowledge Engineering Optimizer 2 (PEO)
CATIA - Product Knowledge Template Definition 2 (PKT)
CATIA - Business Process Knowledge Template 2 (BK2)
CATIA - Product Function Description 2 (PFD)
CATIA - DMU Navigator 2 (DMN)
CATIA - DMU Space Analysis 2 (SPA)
CATIA - DMU Fitting Simulator 2 (FIT)
CATIA - DMU Kinematics Simulator 2 (KIN)
CATIA - DMU Optimizer 2 (DMO)
CATIA - DMU Engineering Analysis Review 2 (ANR)
CATIA - DMU Fastening Review 2 (FAR)
CATIA - DMU Dimensioning & Tolerancing Review 1 (DT1)
CATIA - DMU Space Engineering Assistant 2 (SPE)
CATIA - Flex Physical Simulation 2 (FLX)
CATIA - Human Builder 2 (HBR)
CATIA - Human Measurement Editor 2 (HME)
CATIA - Human Posture Analysis 2 (HPA)
CATIA - Human Activity Analysis 2 (HAA)
CATIA - Human Anthropology Catalogs (HTC)
CATIA - Human Preferred Angles Catalogs 2 (HAC)
CATIA - Vehicle Occupant Accommodation 2 (VOA)
CATIA - Human Posture Catalogs (HPC)

Manufacturing

CATIA - Machine Tool Builder 2 (MBG)
CATIA - Machine Tool Simulation 2 (MSG)
CATIA - NC Manufacturing Review 2 (NCG)
CATIA - Prismatic Machining Preparation Assistant 2 (MPA)
CATIA - Prismatic Machining 2 (PMG)
CATIA - 3 Axis Surface Machining 2 (SMG)
CATIA - Multi-Axis Surface Machining 2 (MMG)
CATIA - Multi Pocket Machining 2 (MPG)
CATIA - Advanced Machining 2 (AMG)
CATIA - Lathe Machining 2 (LMG)
CATIA - Multi-slide Lathe Machining 2 (MLG)
CATIA - NC Manufacturing Verification 2 (NVG)
CATIA - Rapid Prototyping 2 (STL)

Shape Design and Styling Solutions

CATIA - Photo Studio 2 (PHS)
CATIA - Realistic Shape Optimizer 2 (RSO)
CATIA - Real Time Rendering 2 (RTR)
CATIA - Photo Studio Optimizer (PSO)
CATIA - Generative Shape Design 2 (GSD)
CATIA - Generative Shape Design Optimizer 2 (GSO)
CATIA - Developed Shape 1 (DL1)
CATIA - Freestyle Shaper 2 (FSS)
CATIA - Freestyle Optimizer 2 (FSO)
CATIA - Freestyle Profiler 2 (FSP)
CATIA - Freestyle Sketch Tracer 1 (FSK)
CATIA - Imagine & Shape 2 (IMA)
CATIA - Digitized Shape Editor 2 (DSE)
CATIA - Quick Surface Reconstruction 2 (QSR)
CATIA - Shape Sculptor 2 (DSS)
CATIA - Automotive Body in White Templates 2 (ABT)
CATIA - ICEM Shape Design (ICM)
CATIA - ICEM Shape Design Center (IEX)
CATIA - ICEM Shape Design Expert (IAE)

Analysis

CATIA - Generative Part Structural Analysis 2 (GPS)
CATIA - Generative Assembly Structural Analysis 2 (GAS)
CATIA - Generative Dynamic Response Analysis 2 (GDY)
CATIA - Elfini Structural Analysis 2 (EST)
CATIA - FEM Surface 2 (FMS)
CATIA - FEM Solid 2 (FMD)

Infrastructure

CATIA - Product Data Filtering 1 (DF1)
CATIA - Object Manager 2 (COM)
CATIA - CADAM Interface 1 (CC1)
CATIA - IGES Interface 1 (IG1)
CATIA - Step Core Interface 1 (ST1)
CATIA - Extended Step Interface 2 (SXT)
CATIA - Strim/Styler to CATIA Interface 2 (STC)
CATIA - V4 Integration 2 (V4I)
CATIA - Instant Collaborative Design 1 (CD1)
CATIA - ENOVIAvpm Supply Chain Engineering Exchange 2 (EWE)
CATIA - PPR xPDM Gateway 1 (PX1)