

DS University
COURSE CATALOG



V6R2011x

January 2012 Edition

Visit us at www.3ds.com/education





© 2007-2012 Dassault Systèmes - All rights reserved

No part of this publication may be reproduced, translated, stored in retrieval system or transmitted, in any form or by any means, including electronic, mechanical, photocopying, recording or otherwise, without the express prior written permission of DASSAULT SYSTEMES. This courseware may only be used with explicit DASSAULT SYSTEMES agreement.



3DVIA

3DVIA Explain	1
3DVIA Composer Essentials (CPS).....	2

CATIA

CATIA Equipments V6	3
CATIA 3D Wire Harness Design Essentials (EHD).....	4
CATIA V5 to V6 Electrical Transition (V6VET).....	5
CATIA Mechanical V6	6
CATIA Fabricated Part Design Essentials (FPD).....	7
CATIA Fastener Design Essentials (FSR).....	8
CATIA Live FTA Review Essentials (LFT).....	9
CATIA Live Shape Essentials (LSE).....	10
CATIA Mechanism Simulation Essentials (MSI).....	11
CATIA Plastic Part Design Essentials (PPD).....	12
CATIA V5 to V6 Mechanical Design Transition (V6MT).....	13
CATIA V6 Automotive Body Transition (V6VBT).....	14
CATIA V6 Automotive Chassis Transition (V6VCT).....	15
CATIA V6 Automotive Powertrain Transition (V6VPT).....	16
CATIA V6 Mechanical Design Advanced (V6E).....	17
CATIA V6 Mechanical Design Fundamentals (V6F).....	18
CATIA Shape V6	19
CATIA Imagine and Shape Essentials (IMS).....	20
CATIA V5 to V6 Mechanical Surface Design Transition (V6ST).....	21
CATIA V6 Mechanical Surface Design Essentials (SUR).....	22
CATIA Systems / Geensoft V6	23
CATIA Systems Architecture Design Essentials (SAR).....	24
CATIA Systems Dynamic Behavior Modeling Essentials (DBM).....	25
CATIA Systems Logical 3D Architecture Essentials (TDS).....	26
CATIA Systems Logical Electrical and Fluidic Design Essentials (ELS).....	27
CATIA Systems Logic Control Modeling Essentials (LOC).....	28
Introduction to Systems Engineering (RFLP).....	29



PLM Express V6	30
V5 to V6 PLM Express Design Transition (V6MTX).....	31
V6 PLM Express Essentials (V6FX).....	32

DELMIA

DELMIA Manufacturing Planning V6	33
DELMIA Process Planning Essentials (PPG).....	34
DELMIA Plant and Resources Engineering V6	35
DELMIA NC Machine Builder Essentials (NMB).....	36

ENOVIA

ENOVIA Global Sourcing V6	37
ENOVIA Sourcing Central Essentials (SRC).....	38
ENOVIA Supplier Central Essentials (SUP).....	39
ENOVIA Governance V6	40
ENOVIA 3DLive Essentials (LIV).....	41
ENOVIA Material Compliance Central Essentials (MCC).....	43
ENOVIA Program Central Essentials (PRG).....	44
ENOVIA Requirements Central Essentials (RMT).....	45
ENOVIA Variant Configuration Central Essentials (FTR).....	46
ENOVIA Installation & Administration V6	47
ENOVIA V6 Architecture Essentials (V6AC).....	48
ENOVIA V6 Configuration Essentials (V6CF).....	49
ENOVIA V6 Installation for DB2 and Tomcat Environment (IDT).....	50
ENOVIA V6 Installation for DB2 and WebSphere Environment (IDW).....	51
ENOVIA V6 Installation for Oracle and Tomcat Environment (IOT).....	52
ENOVIA V6 Installation for Oracle and WebSphere Environment (IOW).....	53
V6 PLM Express Installation and Administration (V6AX).....	54
ENOVIA IP Lifecycle Management V6	55
ENOVIA Designer Central for CATIA V5 Essentials (DC5).....	56
ENOVIA Engineering Central Essentials (ENG).....	57
ENOVIA Library Central Essentials (LBC).....	58
ENOVIA VPM Central Essentials (VPM).....	59
ENOVIA Unified Live Collaboration V6	60
ENOVIA Business Process Services (MIA).....	61



ENOVIA Studio Modeling Platform (MBM).....	62
Introduction to the ENOVIA Collaboration Platform (MIN).....	63
Introduction to ENOVIA V6.....	64
Getting Started with ENOVIA V6 (GS6).....	65

SIMULIA

CATIA Analysis V6.....	66
CATIA Structural Analysis Fundamentals (V6AF).....	67
CATIA V5 to V6 Analysis Transition (V6AT).....	68



3DVIA

3DVIA Explain



	3DVIA Composer Essentials (CPS)
Course Code	3DVIA-en-CPS-F-V6R111
Available Release	V6R2011x
Duration	20 hours
Course Material	English
Level	Fundamental
Audience	Technical Illustrators, Technical Support / Sales Engineers, Sales Demonstrators
Description	In this course you will learn how to open and navigate in a model with 3DVIA Composer. You will capture views of a model, add annotations to it and change its rendering, create technical illustrations and also high resolution images. Moreover this course will teach you how to create animations and then publish and share the 3DVIA Composer content.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Open and navigate inside a model with 3DVIA Composer - Capture Views of a model - Enhance a model by adding annotations and changing its rendering - Create technical illustrations - Create high resolution images - Create animations - Publish and share the 3DVIA Composer content
Prerequisites	Students attending this course should be familiar with the Windows Operating System.
Available Online	Yes



CATIA
CATIA Equipments V6



	CATIA 3D Wire Harness Design Essentials (EHD)
Course Code	CAT-en-EHD-F-V6R111
Available Release	V6R2011x
Duration	24 hours
Course Material	English
Level	Fundamental
Audience	Electrical Engineers who are new to 3D Wire Harness Design using CATIA V6
Description	This course will teach you to create wire harness in CATIA V6 and thereby help you in designing the wire harnesses. You will work with the catalogs to place the components from the electrical libraries. You will learn the routing of branches for creating harness bundles, managing the harness content, and routing wires through the geometrical harness. You will also learn the 3D Master Approach of annotating the 3D wire harness.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import CATIA V5 data into CATIA V6 - Create and use an Electrical Library using Project Resource Management (PRM) - Create a Geometrical Harness - Route Wires through the Geometrical Harness - Annotate the 3D Wire Harness using the 3D Master Approach
Prerequisites	Student attending this course should understand the Electrical Harness Design process.
Available Online	Yes



	CATIA V5 to V6 Electrical Transition (V6VET)
Course Code	CAT-en-V6VET-F-V6R111
Available Release	V6R2011x
Duration	24 hours
Course Material	English
Level	Fundamental
Audience	Electrical Designers
Description	<p>This course will teach you how to transition from CATIA V5 Electrical Design to CATIA V6. You will learn how to import CATIA V5 electrical data into V6, create Electrical Device Libraries, instantiate devices, and create Electrical Assemblies. In the V6 context, you will learn how to use electrical assemblies to create Wire Harness and route the wires. Additionally, you will learn how to flatten the harness and create the corresponding Harness Document. This course will also teach you how to use the Collaboration features of CATIA V6.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Manage, create and edit documents in V6 - Collaborate with the Community - Perform Impact Analysis and Propagation - Design parts in the assembly context - Migrate electrical data from V5 to V6 - Create and place electrical devices - Route Geometrical Harness and Wires - Flatten the Wire Harness and create a Wire Harness Drawing - Manage various product configurations
Prerequisites	Students attending this course must be familiar with the V5 Automotive Electrical Course
Available Online	Yes



CATIA

CATIA Mechanical V6



	CATIA Fabricated Part Design Essentials (FPD)
Course Code	CAT-en-FPD-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Mechanical and Structural Designers
Description	This course will teach you how to create a sheet metal part using standard wall, bend and stamping features. You will see how user features can be incorporated into the design and how to use both standard and user-defined materials. Finally you will learn how to create a flat pattern, create a welded part and produce a detailed, annotated drawing.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a sheet metal part using wall and bend features. - Create stamped features. - Use pre-defined sheet metal parameters. - Manage folded and unfolded views. - Export a finished flat pattern. - Create and manage a welded part. - Generate weld reports. - Create an annotated drawing.
Prerequisites	CATIA V6 Mechanical Design Fundamentals
Available Online	Yes



	CATIA Fastener Design Essentials (FSR)
Course Code	CAT-en-FSR-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers
Description	
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Set up fastening standard files - Prepare a fastening assembly - Create a fastener reference - Instantiate the fastener references - Modify the fastener instances - Review and check the fasteners - Generate drawing and reports
Prerequisites	Students attending this course should have knowledge of CATIA Mechanical Design Fundamentals.
Available Online	Yes



	CATIA Live FTA Review Essentials (LFT)
Course Code	CAT-en-LFT-F-V6R111
Available Release	V6R2011x
Duration	4 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Product Reviewers and Presenters, Designers, Engineers - Documentation, Production, Program Management, Sourcing, Design, Quality, and other such departments where interrogating and annotating the 3D model is a frequent or occasional requirement
Description	<p>This course teaches new users how to use CATIA Live Functional Tolerancing and Annotation Review to visualize, query, and filter mechanical dimensioning and tolerancing information contained within part and assembly files. Students will learn how to search and examine a part, view annotations and captures, filter and navigate FTA information, and how to use the dimensioning and tolerancing annotations to enhance understanding and improve decision making. The course also features a Master Exercise for live practice.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Access and visualize Functional Tolerancing and Annotation Review (FTA) features (Views, Captures, and Annotations) - Show / Hide individual 3D annotation and all annotations of a given type - Display FTA captures - Remove the FTA Clipping Plane of a capture - Filter the 3D annotations
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have attended the 3D Live - Basic User course - They should be well-versed with the Microsoft Windows operating environment
Available Online	Yes



	CATIA Live Shape Essentials (LSE)
Course Code	CAT-en-LSE-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Conceptual Designers, Stylists, Simulation and Manufacturing Engineers
Description	This course will introduce you to CATIA Live Shape and its radically different working environment. You will learn how to use CATIA Live Shape to quickly conceptualize, create, and modify mechanical parts and shapes. The course is process-based and it uses an industrial scenario to teach you how to use the the tools in the context of creating a design from conceptual data. It features short-duration demos followed by exercises to allow you to practice using the tools. You will learn the related theory, tips and recommendations while performing the exercises.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a conceptual design directly in 3D - Use the hybrid design environment to quickly conceptualize your designs - Work on structures to create 3D parts, navigate the structures, and position the parts - Reuse existing designs in your 3D models
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have knowledge of CATIA V6 Fundamentals and CATIA V6 Surfaces. - They should be well-versed in the Microsoft Windows operating environment.
Available Online	Yes



	CATIA Mechanism Simulation Essentials (MSI)
Course Code	CAT-en-MSI-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers
Description	This course will teach you to simulate a mechanism. You will learn how to complete and animate a mechanism, then learn how to define behavior by manually recording an animation and by using laws. You will learn how to include analysis of measurements, interferences, speeds and accelerations. Finally, you will learn how to generate traces, swept volumes and snapshots which can be used when reviewing the simulation results.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Complete and animate a mechanism architecture - Include dress-up components to complete the mechanism - Create a scenario manually or by using laws - Include measurement and interference analysis - Generate swept volumes - Create snapshots for review - Export the final simulation
Prerequisites	Students attending this course should have attended the CATIA V6 Mechanical Design Fundamentals course.
Available Online	Yes



	CATIA Plastic Part Design Essentials (PPD)
Course Code	CAT-en-PPD-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers and Plastic Part Designers
Description	This course will teach you how to create a molded plastic part from a set of styled surfaces. You will use functional modeling to integrate basic features on a rough shell before completing the detailed design. Then you will learn how to analyze, prepare, and integrate the styling surfaces. Finally, you will extract the core and cavity for mold tooling design.
Objectives	<p>Upon completion of this course, you will be able to:</p> <ul style="list-style-type: none"> - Import, analyze, and repair a set of styled surfaces using the Healing Assistant workbench - Reserve space for the components that will be present inside the part - Integrate the Styling surfaces in Functional Design - Use Functional features to create / modify shapes - Manage shell and draft properties and cores - Use external shapes to design in context - Extract the core and cavity models
Prerequisites	Students attending this course should be familiar with the CATIA V6 Mechanical Design Fundamentals and CATIA V6 Mechanical Surface Design courses.
Available Online	Yes



	CATIA V5 to V6 Mechanical Design Transition (V6MT)
Course Code	CAT-en-V6MT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Materials	English , French , German , Japanese
Level	Fundamental
Audience	Mechanical Designers, CATIA V5 Designers
Description	This course will teaches you how to import existing V5 data and search for models in database in CATIA V6. You will learn how to design in collaboration with other users, perform modifications, check impacts and propagate modifications using a role-based scenario . You will also learn how to load a product configuration, design in context, replace components with new versions and analyze a product.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Analyze the impacts of modifications - Propagate modifications - Load a product configuration - Use assembly-level features - Analyze a product
Prerequisites	Students attending this course should be familiar with CATIA V5 Fundamentals.
Available Online	Yes



	CATIA V6 Automotive Body Transition (V6VBT)
Course Code	CAT-en-V6VBT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Automotive Designer, CATIA V5 Designer
Description	<p>This course will introduce you to CATIA V6 and the fundamental concepts of PLM. This course will teach what is new in CATIA V6 compared to CATIA V5. You will learn how to search for models in the V6 database and how to import existing V5 data. Using a role-based scenario in the context of an assembly you will learn how to design parts in collaboration with other users, perform modifications, check impacts and propagate modifications to the database. You will also learn how to manage assembly architecture and contextual links, reuse catalog data, work with large assemblies and analyze the resulting design.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Analyze the impacts of modifications - Propagate modifications - Load a product configuration - Use assembly-level features - Analyze a product
Prerequisites	Students attending this course should be familiar with CATIA V5 basics like Part Design, Assembly Design and Drafting
Available Online	Yes



	CATIA V6 Automotive Chassis Transition (V6VCT)
Course Code	CAT-en-V6VCT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Automotive Designer, CATIA V5 Designer
Description	<p>This course will introduce you to CATIA V6 and the fundamental concepts of PLM. You will learn how to search for models in the V6 database and how to import existing V5 data. This course will teach what is new in CATIA V6 compared to CATIA V5. Using a role-based scenario in the context of an assembly you will learn how to design parts in collaboration with other users, perform modifications, check impacts and propagate modifications to the database. You will also learn how to manage assembly architecture and contextual links, reuse catalog data, work with large assemblies and analyze the resulting design.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Analyze the impacts of modifications - Propagate modifications - Load a product configuration - Use assembly-level features - Analyze a product
Prerequisites	Students attending this course should be familiar with CATIA V5 basics like Part Design, Assembly Design and Drafting
Available Online	Yes



	CATIA V6 Automotive Powertrain Transition (V6VPT)
Course Code	CAT-en-V6VPT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Automotive Designer, CATIA V5 Designer
Description	<p>This course will introduce you to CATIA V6 and the fundamental concepts of PLM. You will learn how to search for models in the V6 database and how to import existing V5 data. This course will teach what is new in CATIA V6 compared to CATIA V5. Using a role-based scenario in the context of an assembly you will learn how to design parts in collaboration with other users, perform modifications, check impacts and propagate modifications to the database. You will also learn how to manage assembly architecture and contextual links, reuse catalog data, work with large assemblies and analyze the resulting design.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Analyze the impacts of modifications - Propagate modifications - Load a product configuration - Use assembly-level features - Analyze a product
Prerequisites	Students attending this course should be familiar with CATIA V5 basics like Part Design, Assembly Design and Drafting
Available Online	Yes



	CATIA V6 Mechanical Design Advanced (V6E)
Course Code	CAT-en-V6E-A-V6R111
Available Release	V6R2011x
Duration	24 hours
Course Materials	English , French , German , Japanese
Level	Advanced
Audience	Mechanical Designers
Description	This course will introduce you to complex modelling techniques. You will learn how to create structured models and complex parts, how to define a product architecture and use it to design in an assembly environment. You will also learn how to manage complex product structures and product configurations, and create part families using parameterized models. Finally, you will learn how to analyze the impacts of design modifications and review a product.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Design complex parts - Manage a complex product structure - Design in in an assembly environment - Use assembly-level features - Use product configurations - Analyze impacts of modifications - Analyze a product - Review a product
Prerequisites	Students attending this course should have knowledge of CATIA V6 Fundamentals
Available Online	Yes



	<h2>CATIA V6 Mechanical Design Fundamentals (V6F)</h2>
Course Code	CAT-en-V6F-F-V6R111
Available Release	V6R2011x
Duration	40 hours
Course Materials	English , French , German , Japanese
Level	Fundamental
Audience	Mechanical Engineers
Description	<p>This course will teaches you how to build parts using feature-based and functional modeling techniques and how to apply design rules CATIA V6. You will also learn how to collaborate with other users to review designs. This course also teaches you how to create a simple assembly, simulate a mechanism, create a rendered image and generate a simple detail drawing.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Find documents in the V6 database - Open, explore and save documents - Collaborate with other users - Create mechanical parts - Check parts using existing rules - Create and animate an assembly - Create rendered images - Produce a simple detail drawing
Prerequisites	<p>Students attending this course should be familiar with the Microsoft Windows Operating System.</p>
Available Online	Yes



CATIA
CATIA Shape V6



	CATIA Imagine and Shape Essentials (IMS)
Course Code	CAT-en-IMS-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Shape Designers, Product Stylists, Industrial Designers
Description	This course will introduce you to CATIA V6 Imagine and Shape workbench as well as Freestyle Sketch Tracer and Real Time Rendering. It will teach you how to create, modify and improve product shapes and styles. In addition you will learn how to import an image in V6 to use as a basis for design, create an environment around a model and render it.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import and position sketches in CATIA V6 - Create subdivision surfaces using tools specific to the Imagine and Shape workbench - Modify the style surfaces using Shape Design tools - Create the required environment around a model - Apply materials, textures and 3D textures to your models
Prerequisites	Students attending this course should have knowledge of CATIA V6 Fundamentals and CATIA V6 Surfaces.
Available Online	Yes



	CATIA V5 to V6 Mechanical Surface Design Transition (V6ST)
Course Code	CAT-en-V6ST-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Surface Designer
Description	This course will introduce you to CATIA V6. You will learn how to search for models and import existing V5 data. Using a role-based scenario you will learn how to design in collaboration with other users, perform modifications, check impacts and propagate modifications.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Analyze the impacts of modifications - Propagate modifications to the database
Prerequisites	Knowledge of CATIA V5 (V5 Fundamentals or Part / Assembly Design, Surface Design and Drafting)
Available Online	Yes



	CATIA V6 Mechanical Surface Design Essentials (SUR)
Course Code	CAT-en-SUR-F-V6R111
Available Release	V6R2011x
Duration	40 hours
Course Material	English
Level	Fundamental
Audience	Surface Designers and CATIA V5 Designers
Description	This course will teach you how to use the FS1 and GSD workbenches to create quality curves and surfaces. You will learn how to analyze the wireframe and surface quality, and rectify the detected defects. You will also learn how to work in a multi-model environment with published surfaces.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand and use the FS1 and GSD workbenches - Create good quality curves and improve the imported wireframe - Create good quality surfaces based on a sound wireframe geometry - Assemble, relimit and connect the surfaces smoothly to get the topology - Analyze the surface quality, and heal the defects - Manage surfaces in a multi-model environment
Prerequisites	The students attending this course should have knowledge of CATIA V6 fundamentals or Part/Assembly Design and drafting.
Available Online	Yes



CATIA

CATIA Systems / Geensoft V6



	CATIA Systems Architecture Design Essentials (SAR)
Course Code	CAT-en-SAR-F-V6R111
Available Release	V6R2011x
Duration	12 hours
Course Material	English
Level	Fundamental
Audience	Systems Architects, Systems Engineers, Mechanical Designers
Description	This course will teach you the basic concept of the RFLP system design approach. You will learn the creation of a Requirement, Functional, Logical Design, and Physical model. You will also learn about the Implement Relations.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Capture the requirements from an MS Word document - Define and formalize data using the RFLP Editor workbench - Create Implement Relations among Requirement, Functional, Logical and Physical entities - Use Search and Navigation tools for RFLP - Generate traceability reports
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have attended: - Introduction to Systems Engineering - ENOVIA Requirements Central Essentials
Available Online	Yes



	CATIA Systems Dynamic Behavior Modeling Essentials (DBM)
Course Code	CAT-en-DBM-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Systems Architects, Systems Engineers, Mechanical Designers
Description	This course will teach you how to model and simulate the dynamic behavior of a multi-engineering system. You will learn to search, open, and manage the Dynamic Behavior Modeling (DBM) libraries. You will also learn to manage the link between logical component and DBM model, to add a 3D Representation to the DBM model, and to simulate Logic Control Modeling (LCM) and DBM models together.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Search and open the Dynamic Behavior Library - Use the tools used in the CATIA Systems Dynamic Behavior Modeling (DBM) workbench such as Authoring, Execution, Drawing, Layers, etc - Create a DBM model - Attach the DBM model with a Logical Component - Simulate the DBM model
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have the knowledge of: - CATIA Systems Architecture Design - Modelica Language and Modeling methods
Available Online	Yes



	CATIA Systems Logical 3D Architecture Essentials (TDS)
Course Code	CAT-en-TDS-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Systems Architects, Systems Engineers, and Mechanical Designers
Description	This course will teach you how to create the 3D Geometry for the system. This course will teach you how to manage the 3D Representation by creating and editing the pathway, associating a logical connection to the pathway, managing the zone and the equipment center. This course will also teach you how to use the knowledge check rules.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Add a 3D representation to a logical component - Add a 3D representation to the links between two logical components - Add a Zone representation - Manage the 2D / 3D representations - Use the knowledge rules to check the clashes, if any, between two 3D components
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have the knowledge of: - CATIA Systems Architecture Design Essentials - CATIA Live Shape Essentials - CATIA V6 Mechanical Design Fundamentals - CATIA V6 Mechanical Surface Design Essentials
Available Online	Yes



	CATIA Systems Logical Electrical and Fluidic Design Essentials (ELS)
Course Code	CAT-en-ELS-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Electrical System Designers - Piping Systems Designers
Description	<p>This course is designed for students who are already familiar with the CATIA V6 user interface and who have domain knowledge of Electrical System Design and / or Piping Systems Design. It will build upon their existing knowledge and teach them how to create an Electrical Logical System and export / import it using CATIA V6. It will also teach them about Piping Logical Systems.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Define electrical components - Use Spreadsheet Editor - Manage connector ports and pins - Define an Electrical Net and create Net Groups - Manage Electrical Nets and Net Groups - Create and manage Wires and Cables - Associate Nets and Net Groups with Wires and Cables - Define a Harness and manage its Content Links - Import and export Electrical Systems - Overview of Piping Logical Systems
Prerequisites	<p>Students taking this course should have knowledge of CATIA Mechanical Design Fundamentals and Introduction to Systems Engineering. They should also have the knowledge of Electrical System Design and Piping System Design.</p>
Available Online	Yes



	CATIA Systems Logic Control Modeling Essentials (LOC)
Course Code	CAT-en-LOC-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Systems Architects, Systems Engineers, Mechanical Designers
Description	This course you will be introduced to the Logic Control Modeling (LCM) programming language. You will also introduce to the LCM workbench. You will learn to use LCM as a single simulation platform for the state logic and dynamic behavior simulation.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand and use the Logical Control Modeling (LCM) programming language - Organize the LCM program - Formalize the Sequential Function Chart (SFC+) - Define the functions and constants - Add an LCM behavior to a Logical component - Simulate the LCM and DBM behaviors simultaneously - Link a 3D Representation to an LCM behavior
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have the knowledge of - CATIA Systems Architecture Design
Available Online	Yes



	Introduction to Systems Engineering (RFLP)
Course Code	CAT-en-RFLP-F-V6R111
Available Release	V6R2011x
Duration	2 hours
Course Material	English
Level	Fundamental
Audience	Systems Architects, Systems Engineers, Mechanical Designers, Sales Engineers, Managers
Description	This course will introduce you to the System Engineering and RFLP methodology. It will explain the significance of Requirement, Function, Logical Design, and Physical model in the RFLP methodology.
Objectives	Upon completion of this course you will be able to: <ul style="list-style-type: none"> - Upon completion of this course you will be able to understand the RFLP methodology in the context of Systems Engineering.
Prerequisites	Students taking this course should have the domain knowledge of system engineering.
Available Online	Yes



CATIA
PLM Express V6



	V5 to V6 PLM Express Design Transition (V6MTX)
Course Code	CRB-en-V6MTX-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Designers, CATIA V5 Designers.
Description	This course will introduce you to CATIA V6. You will learn how to search for models and import existing V5 data. Using a role-based scenario you will learn how to design in collaboration with other users, perform modifications, check impacts and propagate modifications. You will then learn design in context, replace components with new versions and analyze a product.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Propagate modifications - Use assembly-level features - Analyze a product
Prerequisites	Students attending this course should be familiar with CATIA PLM Express Fundamentals.
Available Online	Yes



	V6 PLM Express Essentials (V6FX)
Course Code	CRB-en-V6FX-F-V6R111
Available Release	V6R2011x
Duration	40 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers
Description	This course will introduce you to CATIA V6. You will learn how to build parts using feature-based and functional modeling techniques and how to apply design rules. You will be able to collaborate with other users to review designs. Finally, you will be able to create a simple assembly, simulate a mechanism and produce a rendered image and simple detail drawing.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Find documents in the V6 database - Open, explore and save documents - Collaborate with other users - Create mechanical parts - Check parts using existing rules - Create and animate an assembly - Create rendered images - Produce a simple detail drawing - Generate and compare BOM
Prerequisites	Students attending this course should be familiar with the Microsoft Windows Operating System.
Available Online	Yes



DELMIA

DELMIA Manufacturing Planning V6



	DELMIA Process Planning Essentials (PPG)
Course Code	DEL-en-PPG-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Designers, Engineers, Process Planners.
Description	This course will teach you how to create processes, templates, and catalogs. This course deals with defining processes, detailing process flow and managing Product to Process assignments. It also teaches you to create a virtual manufacturing environment for significant cost savings.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Streamline the work preparation through a process plan - Define and verify the assembly - Assign product and resource specifications to processes - Create a virtual process path - Validate the simulation
Prerequisites	Students attending this course should be familiar with Mechanical Design and the Windows Operating System.
Available Online	Yes



DELMIA

DELMIA Plant and Resources Engineering V6



	DELMIA NC Machine Builder Essentials (NMB)
Course Code	DEL-en-NMB-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Design Engineers, Machine Tool Builders
Description	DELMIA NC Machine Builder course will teach you how to create a solid foundation to create different machines tools. Initially, you will learn understand the different types of Machines. Then, you will learn to build kinematics for the assemblies of Milling Machine, Interchangeable Head, Mill-turn Machine, and Machine Accessory. Finally, you will learn to create machines using the assemblies with kinematics.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand different types of Machines - Build Machine Kinematics - Create Machines Resources
Prerequisites	Students attending this course should know the basics of DELMIA V6, and be familiar with Machine Kinematics, and Machining concepts
Available Online	Yes



ENOVIA

ENOVIA Global Sourcing V6



	ENOVIA Sourcing Central Essentials (SRC)
Course Code	ENOV-en-SRC-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Supplier Engineers who are responsible for procuring manufactured and raw material goods from suppliers - Supplier representatives associated with the buying organization either as partners or vendors - Buyer Administrator who will be responsible for maintaining the ENOVIA Sourcing Central application
Description	This course will teach you how to use the ENOVIA business process applications developed for managing the sourcing and procurement processes. You will also learn to create and manage buyer desks, RFQs etc.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Add suppliers and their representatives - Create and manage buyer desks and Request For Quotes (RFQs) - Add line items to RFQs and Submit RFQs - Review quotations and award the bid
Prerequisites	There are no prerequisites for this course.
Available Online	Yes



	ENOVIA Supplier Central Essentials (SUP)
Course Code	ENOV-en-SUP-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Quality Engineers that manage the Part Quality Plan and Supplier Development Plans. - Supplier representatives associated with the buying organization either as partners or vendors. - Buyer Administrator and System Administrator personnel who will be responsible for maintaining the ENOVIA Supplier Central application.
Description	This course will teach you how to use the ENOVIA business application developed for managing your suppliers of parts. You will also learn how Purchasing and Engineering department personnel procure manufactured and raw material goods from suppliers.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Manage supply processes of a buyer company - Manage and maintain the supplier company profile - Create and manage buyer desks - Create and maintain Part Quality Plans and Templates
Prerequisites	There are no prerequisites for this course.
Available Online	Yes



ENOVIA

ENOVIA Governance V6



	ENOVIA 3DLive Essentials (LIV)
Course Code	ENOV-en-LIV-F-V6R111
Available Release	V6R2011x
Duration	4 hours
Course Materials	English , French , German , Japanese
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Product Designers and Engineers who need to explain their design intent to other enterprise users. - Managers, Executives, Reviewers, Sales & Support Staff who want to look up 3D data and its related PLM information, and base their discussions around it. - Documentation, Production, Program Management, Sourcing, Design, Quality and other such departments where inspecting and annotating the 3D model is a frequent or occasional requirement.
Description	<p>This is a process-based course that uses an industrial case study to teach you how to use ENOVIA 3DLive to search, navigate, examine, and share information in the collaborative 3D environment. Through short videos you will learn how to search and visualize the results, explore and review 3D data, filter the data, create customized views and save them as Favorites, perform co-reviews with colleagues, perform basic lifecycle operations, and export data as shareable 3D XML files. At the end of each lesson there will be a summary of the topics covered, descriptions of all the tools used, and a short assessment to test what you have learned.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Open and view a local 3D XML file in ENOVIA 3DLive - Connect to your company's database - Search and view 3D data and its related PLM information - Filter the data based on configurations, attributes, and 3D selections - Create and manage preferred searches and data views as your Favorites - Use the review tools to create sections, measures and annotations - Collaborate with your colleagues, and annotate and share product views with them - Perform lifecycle operations on data



	ENOVIA 3DLive Essentials (LIV)
	<ul style="list-style-type: none">- Export data as 3D XML files and embed them in Microsoft Office documents
Prerequisites	Students attending this course should be well-versed in the Microsoft Windows operating environment.
Available Online	Yes



	ENOVIA Material Compliance Central Essentials (MCC)
Course Code	ENOV-en-MCC-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Compliance Administrator, Company Representatives, Compliance Engineers, Senior Compliance Engineers
Description	ENOVIA Material Compliance Course teaches you how to regulate the material in company according to compliance define. and the ENOVIA Material Compliance central application provides proper interface to calculate material compliance and respective actions on non-compliance of material.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Perform administrative tasks associated with setting up organizations and roles - Perform materials management - Create and manage compliance definitions - Perform compliance analysis - Perform compliance reporting - Design for environmental compliance - Collaborate with suppliers - Perform the material declaration process
Prerequisites	There are no prerequisites for this course.
Available Online	Yes



	ENOVIA Program Central Essentials (PRG)
Course Code	ENOV-en-PRG-F-V6R111
Available Release	V6R2011x
Duration	12 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Any person working on and/or managing projects. - Business Administrators and System Administrators who are responsible for maintaining the Program Central application.
Description	The ENOVIA Program Central course teaches you how to use the ENOVIA Business Process Application developed for managing projects. You will learn how to define Business Structures, define Projects, create/define Project members, perform Project Tasks management etc.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand the project management tool that lets you create programs and projects and store them in a database. - Understand the Program Management Features and the lifecycles of the objects.
Prerequisites	Students attending this course should be well-versed in the Microsoft Windows operating environment
Available Online	Yes



	ENOVIA Requirements Central Essentials (RMT)
Course Code	ENOV-en-RMT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	System Engineers, People defining Product Requirements, Product Manages, Product Developers, Product Testers
Description	This course teaches you how to create and maintain requirements to propose changes in hardware and software products. You will learn how to capture and import requirements from an external specification, work with traceability reports related to requirement specifications, and manage decisions made about proposed requirements. You will also learn how to perform various functions associated to the management of requirements, such as defining and modifying tasks, and promoting tasks to the next level for approval.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a Product Line, Model and Product - Capture requirements from an MS Word requirement specification document into the ENOVIA database - Connect captured requirements to a model - Commit Candidate Product Requirements to a Product - Create Decomposed and Derived requirements - Create test plans to verify that the technical solution meets the requirements - Create hardware and software builds for the product revision - Revise a released requirement using an Engineering Change
Prerequisites	There are no pre-requisites for this course.
Available Online	Yes



	ENOVIA Variant Configuration Central Essentials (FTR)
Course Code	ENOV-en-FTR-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Product Managers, System Engineers, Software Engineers
Description	This course will teach you how to use the ENOVIA Business Process Application. You will learn how to manage complex products across global value chains of employees, customers, suppliers, and partners from marketing to product management and systems engineering to design and test.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a Product Line with a library of marketing features and marketing-related configuration rules - Create a technical feature structure for the base product with technical-related configuration rules - Create Design and Product Variants for the base product - Connect GBOM parts to the technical and manufacturing features on the base product - Review and release the base product and its product variants - Create product configurations from product variants - Generate Precise BOM and Engineering BOM for product configurations - Create test plans to verify that the product configuration satisfies the product requirements
Prerequisites	Students should have attended the ENOVIA V6 Getting Started course
Available Online	Yes



ENOVIA

ENOVIA Installation & Administration V6



	ENOVIA V6 Architecture Essentials (V6AC)
Course Code	ENOV-en-V6AC-F-V6R111
Available Release	V6R2011x
Duration	4 hours
Course Material	English
Level	Fundamental
Audience	System Administrators, Application Architects
Description	This course will teach you the physical and logical architecture of ENOVIA V6. You will learn about the various IT components in a V6 environment and their relationships. You will also learn the underlying principles for a successful ENOVIA V6 installation.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand the architecture of ENOVIA V6 - Draw the relationship diagram between various IT components of the ENOVIA V6 environment - Create the logical architecture of an ENOVIA V6 deployment - Plan the security and network infrastructure for ENOVIA V6
Prerequisites	None
Available Online	Yes



	ENOVIA V6 Configuration Essentials (V6CF)
Course Code	ENOV-en-V6CF-F-V6R111
Available Release	V6R2011x
Duration	4 days
Course Material	English
Level	Fundamental
Audience	ENOVIA Administrators, System Administrators, Developers, and System Architects.
Description	This course will teach you on how to configure of ENOVIA V6 to support User Interface modification based on new Data Model definition and Security rules. You will learn, along a process, how to extend ENOVIA data model. Also, you will understand the Client customization aspects such as object naming, Icon masks, Compass. The course will also introduce to the business administration concepts of ENOVIA V6, to define the business modelling schema. You will learn to define the people & organization and define the security and lifecycle for the business objects. Lastly, you will understand, in brief, how to declare and launch triggers using the programming concepts.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create and maintain the CBP schema - Extend the existing data model using the DMC tool - Deploy Masks for security - Understand and customize the People and Organization (P&O) data - Configure Policies and Rules for security - Configure the BOM Synchronization
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should know: - The concepts of ENOVIA V6 Architecture - The basics of ENOVIA CBP business administration - ENOVIA VPM Central
Available Online	Yes



	ENOVIA V6 Installation for DB2 and Tomcat Environment (IDT)
Course Code	ENOV-en-IDT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	ENOVIA Administrators, Database Administrators
Description	This course will teach you the basics of ENOVIA V6 installation and administration. It will also teach you the architecture and underlying principles for a successful ENOVIA V6 installation. You will learn about the prerequisites and how to install them. In addition you will learn how to install the complete ENOVIA V6 environment for single site deployment in DB2 and Tomcat environment.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create the logical architecture for ENOVIA V6 deployment. - Identify the installation prerequisites. - Setup the prerequisites and the DB2 database. - Install the ENOVIA V6 environment with the collaboration server. - Configure the Dassault Systemes licensing server. - Perform basic administration tasks such as creating users, assigning the licenses.
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have attended the ENOVIA V6 Architecture Essentials course. - They should know DB2 database basics, and Application Server concepts and deployment.
Available Online	Yes



	ENOVIA V6 Installation for DB2 and WebSphere Environment (IDW)
Course Code	ENOV-en-IDW-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	ENOVIA Administrators, Database Administrators
Description	This course will teach you the basics of ENOVIA V6 installation and administration. It will also teach you the architecture and underlying principles for a successful ENOVIA V6 installation. You will learn about the prerequisites and how to install them. In addition you will learn how to install the complete ENOVIA V6 environment for single site deployment in DB2 and Tomcat environment.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create the logical architecture of ENOVIA V6 deployment. - Identify the installation prerequisites. - Setup the prerequisites and DB2 database. - Install the ENOVIA V6 environment with the collaboration server. - Configure the Dassault Systemes licensing server. - Perform basic administration tasks such as creating users, assigning the licenses.
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have attended the ENOVIA V6 Architecture Essentials course. - They should know DB2 database basics, and Application Server concepts and deployment.
Available Online	Yes



	ENOVIA V6 Installation for Oracle and Tomcat Environment (IOT)
Course Code	ENOV-en-IOT-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	ENOVIA Administrators, Database Administrators
Description	This course will teach you the basics of ENOVIA V6 installation and administration. It will also teach you the architecture and underlying principles for a successful ENOVIA V6 installation. You will learn about the prerequisites and how to install them. In addition you will learn how to install the complete ENOVIA V6 environment for single site deployment in ORACLE and Tomcat environment.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create the logical architecture of ENOVIA V6 deployment. - Identify the installation prerequisites. - Setup the prerequisites and ORACLE database. - Install the ENOVIA V6 environment with the collaboration server. - Configure the Dassault Systemes licensing server. - Perform basic administration tasks such as creating users, assigning the licenses.
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have attended the ENOVIA V6 Architecture Essentials course. - They should know ORACLE database basics, and Application Server concepts and deployment.
Available Online	Yes



	ENOVIA V6 Installation for Oracle and WebSphere Environment (IOW)
Course Code	ENOV-en-IOW-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	ENOVIA Administrators, Database Administrators
Description	This course will teach you the basics of ENOVIA V6 installation and administration. It will also teach you the architecture and underlying principles for a successful ENOVIA V6 installation. You will learn about the prerequisites and how to install them. In addition you will learn how to install the complete ENOVIA V6 environment for single site deployment in ORACLE and Tomcat environment.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create the logical architecture of ENOVIA V6 deployment. - Identify the installation prerequisites. - Setup the prerequisites and ORACLE database. - Install the ENOVIA V6 environment with the collaboration server. - Configure the Dassault Systemes licensing server. - Perform basic administration tasks such as creating users, assigning the licenses.
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have attended the ENOVIA V6 Architecture Essentials course. - They should know ORACLE database basics, and Application Server concepts and deployment.
Available Online	Yes



	V6 PLM Express Installation and Administration (V6AX)
Course Code	CRB-en-V6AX-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	V6 PLM Express Administrators and System Managers
Description	This course will introduce you to V6 PLM Express administration. You will learn how to install and post installation of the V6 PLM Express Server and client. You will also get a good understanding of the V6 PLM Express architecture. You will learn how to use the administration console to create users, projects and assign roles for the organization users.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Explain the V6 PLM Express Architecture - Install the V6 PLM Express Server - Install the ENOVIA VPM 3D Indexing Server - Install the V6 PLM Express Client - Install the ENOVIA Collaboration for Microsoft server and client
Prerequisites	Students attending this course must be familiar with the Windows Operating System
Available Online	Yes



ENOVIA

ENOVIA IP Lifecycle Management V6



	ENOVIA Designer Central for CATIA V5 Essentials (DC5)
Course Code	ENOV-en-DC5-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Design Engineers, Drafting Engineers, and Manufacturing Engineers - Business Administrators and System Administrators responsible for managing the integration of Designer Central and CATIA
Description	<p>This course will teach you how to use ENOVIA Designer Central for CATIA V5 to share and manage information related to engineering design and change from both CATIA V5 and ENOVIA. You will learn how to view the details of a CAD object, search for data, perform lifecycle operations, and create and synchronize Engineering BOMs. You will also learn about Attribute Synchronization, Data Synchronization, and other Designer Central functionalities that help you to manage your data in a systematic manner.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Store and retrieve CATIA files in ENOVIA - Create new Components, Drawings, and Bills of Material - Review and release the CAD models - Modify the existing designs and create new revisions
Prerequisites	<p>Students attending this course should know the basics of CATIA V5 and must be familiar with ENOVIA Engineering Central.</p>
Available Online	Yes



	ENOVIA Engineering Central Essentials (ENG)
Course Code	ENOV-en-ENG-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Administrators responsible for maintaining the Engineering Central application - Engineering personnel responsible for designing, manufacturing, evaluating and approving changes to the company's products
Description	This course will teach you how to use the ENOVIA Business Application developed for managing the engineering change processes.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create an Engineering Change Order for a new product - Create new parts, drawings, and bills of material - Review and release the new product - Modify the existing product and create a new revision
Prerequisites	Students attending this course should be familiar with the Getting Started with ENOVIA V6 Companion course or have previous experience with the ENOVIA Business Process applications features.
Available Online	Yes



	ENOVIA Library Central Essentials (LBC)
Course Code	ENOV-en-LBC-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - Design Engineers, Manufacturing Engineers, Project Managers, and Technical Writers - Business Administrators and System Administrators
Description	<p>This course will teach you how to use Library Central to create part libraries, document libraries, and general libraries, and manage parts and documents using these. You can learn how to store, manage, and access documents and other files within and across the application in a collaborative work environment. You can also manage complex processes in a secure web-based system.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Work with and create different types of Libraries and their related structures - Define the access to folders and their associated documents - Understand the Common Document Management (CDM) concept - Understand the Common Profile Management concept
Prerequisites	There are no prerequisites for this course.
Available Online	Yes



	ENOVIA VPM Central Essentials (VPM)
Course Code	ENOV-en-VPM-F-V6R111
Available Release	V6R2011x
Duration	8 Hours
Course Material	English
Level	Fundamental
Audience	<ul style="list-style-type: none"> - CAD Designers - Engineers in charge of product development
Description	<p>Integrated and built on a common architecture with CATIA, ENOVIA VPM Central helps medium to large companies take more innovative products to market faster by providing collaborative Virtual Product Management (VPM) of complex product, process and resource information—from marketing and design to manufacturing and maintenance.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Use the interoperability between the ENOVIA V6 VPM Client and CATIA V6.
Prerequisites	<ul style="list-style-type: none"> - - Basic understanding of CATIA V6 Fundamentals - - Basic knowledge of ENOVIA Engineering Central and ENOVIA Variant Configuration Central
Available Online	Yes



ENOVIA

ENOVIA Unified Live Collaboration V6



	ENOVIA Business Process Services (MIA)
Course Code	ENOV-en-MIA-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Business Administrators, PLM Project Team Members, and ENOVIA Professional Services Implementation Partners
Description	This course will introduce you to the basic concepts of Business Process Services, which contains Application Exchange Framework (AEF), Common Components, ENOVIA Team Central, and Business Metrics Module.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Explain the Application Exchange Framework (AEF) - List the Common Components used in all ENOVIA Business Process Applications - Use the ENOVIA Team Central to create and manage workspaces - Use the Business Metrics Module to configure the metrics dashboard and generate various reports
Prerequisites	Students attending this course should have attended the Introduction to the ENOVIA Collaboration Platform and the ENOVIA Studio Modeling Platform courses.
Available Online	Yes



	ENOVIA Studio Modeling Platform (MBM)
Course Code	ENOV-en-MBM-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Business Administrators, System Administrators and Implementers
Description	This course will introduce you to the basic concepts of schema creation through the use of the thick-client Business Modeler application. It will also introduce Matrix Query Language.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Describe the basics of an ENOVIA schema - Explain the objects of a schema and the relationship between them - Design and implement an ENOVIA schema - Test all aspects of the schema using the ENOVIA interface - Perform basic functions using the MQL module
Prerequisites	Students attending this course should have attended the Introduction to the ENOVIA Collaboration Platform course.
Available Online	Yes



	Introduction to the ENOVIA Collaboration Platform (MIN)
Course Code	ENOV-en-MIN-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	ENOVIA Administrators and Implementers
Description	This course will introduce you to the ENOVIA Architecture and the four ENOVIA thick client modules. You will learn the concepts of Admin objects and Business objects, along with the ENOVIA schema architecture. You will also get an overview of the Matrix Navigator module and learn how to use it to perform various operations on the Business objects.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Describe the ENOVIA Architecture and its components - Explain the ENOVIA Schema and its Data Model - Use the ENOVIA thick client modules to create and manage the schema - Use the ENOVIA Matrix Navigator to create and edit the Business Objects
Prerequisites	None
Available Online	Yes



ENOVIA

Introduction to ENOVIA V6



	Getting Started with ENOVIA V6 (GS6)
Course Code	ENOV-en-GS6-F-V6R111
Available Release	V6R2011x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Managers, Team Leaders, and Project Managers who want to implement ENOVIA V6; Mechanical Designers and Engineers.
Description	This course teaches you the essential concepts of ENOVIA V6. You will learn how Dassault Systemes implements PLM 2.0 on the V6 Platform. You will also learn the basic concepts and tools used to manage the V6 Architecture. After learning the basics of ENOVIA V6, you will then learn how to use the various ENOVIA applications to define and manage projects, design products, manage EBOMs and configurations, organize data and manage RFQs. This course also features intermittent assessments to test what you have learned.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand the essential concepts of PLM 2.0 and ENOVIA V6 - Discover the ENOVIA V6 Architecture - Understand how V6 covers the entire lifecycle of a product - Understand the ENOVIA V6 data model - Understand the differences between various ENOVIA V6 applications - Identify the main functionalities of each application - Discover the ENOVIA V6 administration tools
Prerequisites	There are no prerequisites for this course.
Available Online	Yes



SIMULIA
CATIA Analysis V6



	CATIA Structural Analysis Fundamentals (V6AF)
Course Code	CAT-en-V6AF-F-V6R111
Available Release	V6R2011x
Duration	12 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Designers, Structural Analysts
Description	This course will introduce the concepts and benefits of Finite Element Analysis and the general analysis process. It will teach you how to prepare a model for analysis, create 1D, 2D and 3D FE models, and compute a simple static analysis for a single part or an assembly.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a Finite Element Analysis model - Prepare a solid or surface model for analysis - Create 1D, 2D and 3D meshes for beam, surface, and solid models - Assign properties, create loads and constraints, and define connection properties - Compute an analysis for a part or an assembly - Generate and display analysis results
Prerequisites	CATIA V5 Fundamentals, CATIA V5 to V6 Mechanical Design Transition
Available Online	Yes



	CATIA V5 to V6 Analysis Transition (V6AT)
Course Code	CAT-en-V6AT-F-V6R111
Available Release	V6R2011x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Designers, Analysts
Description	This course will introduce you to CATIA V6 and the fundamental concepts of PLM. You will learn how to search for models in the V6 database and how to import existing V5 data. Using a role-based scenario in the context of an assembly you will learn how to design parts in collaboration with other users, perform modifications, check impacts, and propagate the modifications to the impacted parts. You will also learn how to perform a finite element analysis for structures in CATIA V6 (preprocessing, computation, postprocessing, and assembly analysis)
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Import existing CATIA V5 data and store in V6 - Search for data in the V6 database - Open V6 parts for modification - Share information with other users - Perform Part and Assembly Structural Analysis using new and enhanced functions.
Prerequisites	Students should have attended CATIA V5 Fundamentals and CATIA V5 Analysis courses.
Available Online	Yes