

V6 Learning Paths

System Integrators



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Role Description



Solution Architect

<p><u>Role</u></p> <ul style="list-style-type: none"> Define and propose an integrated Global Solution enabling the customer to fulfill his strategy while covering his whole business processes Guarantee the final workability and relevancy of the Solution Be a key customer partner during the entire project Lifecycle 	
<p><u>Activities</u></p> <ul style="list-style-type: none"> Understand and formalize customer business issues/drivers and requirements Build or Contribute to the definition of the Statement of Work (SOW) Write the 1st level of functional specifications for the customer and Industry Services technical teams, in line with Industry Referential Obtain the approval of the functional specifications from the customer Validate the customer's solution requirements with the software/deployment/knowledge architects, as applicable Capitalize on project deliverables to ensure reusability Identify and develop additional software and services revenues opportunities, if applicable 	<p><u>Relationship</u></p> <ul style="list-style-type: none"> Project team Sales team Customer Subcontractors, Partners
<p><u>Key performance indicators</u></p> <ul style="list-style-type: none"> Percentage of proposals/SOW's accepted by the customer Revenue generated (if applicable) Customer satisfaction based on meeting the functional specifications 	<p><u>Hard Skills</u></p> <ul style="list-style-type: none"> Articulate Corporate strategy and vision Demonstrate proposal writing ability Demonstrate the ability to define a value proposition Demonstrates sales skills (if applicable) Demonstrate a functional application knowledge of the DS Portfolio Apply knowledge of consulting skills to situational contexts Apply knowledge of Multi-industry issues and processes Demonstrate the consistent use of Project management techniques Demonstrate oral and written proficiency with the English language <p><u>Soft Skills</u></p> <ul style="list-style-type: none"> Demonstrate Leadership Exhibit persuasion and/or negotiation skills Exhibit the ability to articulate situations or issues to multiple stakeholders Exhibit listening abilities Exhibit good communication skills Exhibit the ability to create and maintain interpersonal networks Exhibit adaptability Demonstrate the ability to work under pressure Exhibit creative thinking

V6 Learning Paths



ENOVIA V6 Getting Started – GS6

Based on a case study with hands-on to go through the main centrals :
Engineering, Library, Requirements, Variant Configuration, Program, VPM centrals, P&O +
Collaboration

2 days

One course from this group depending on desired specialization and prior experience.

CATIA V6 Mechanical Design Fundamentals - V6F

5 days

CATIA V5 to V6 Mechanical Design Transition - V6MT

2 days

CATIA V6 Electrical Transition - V6VET

3 days

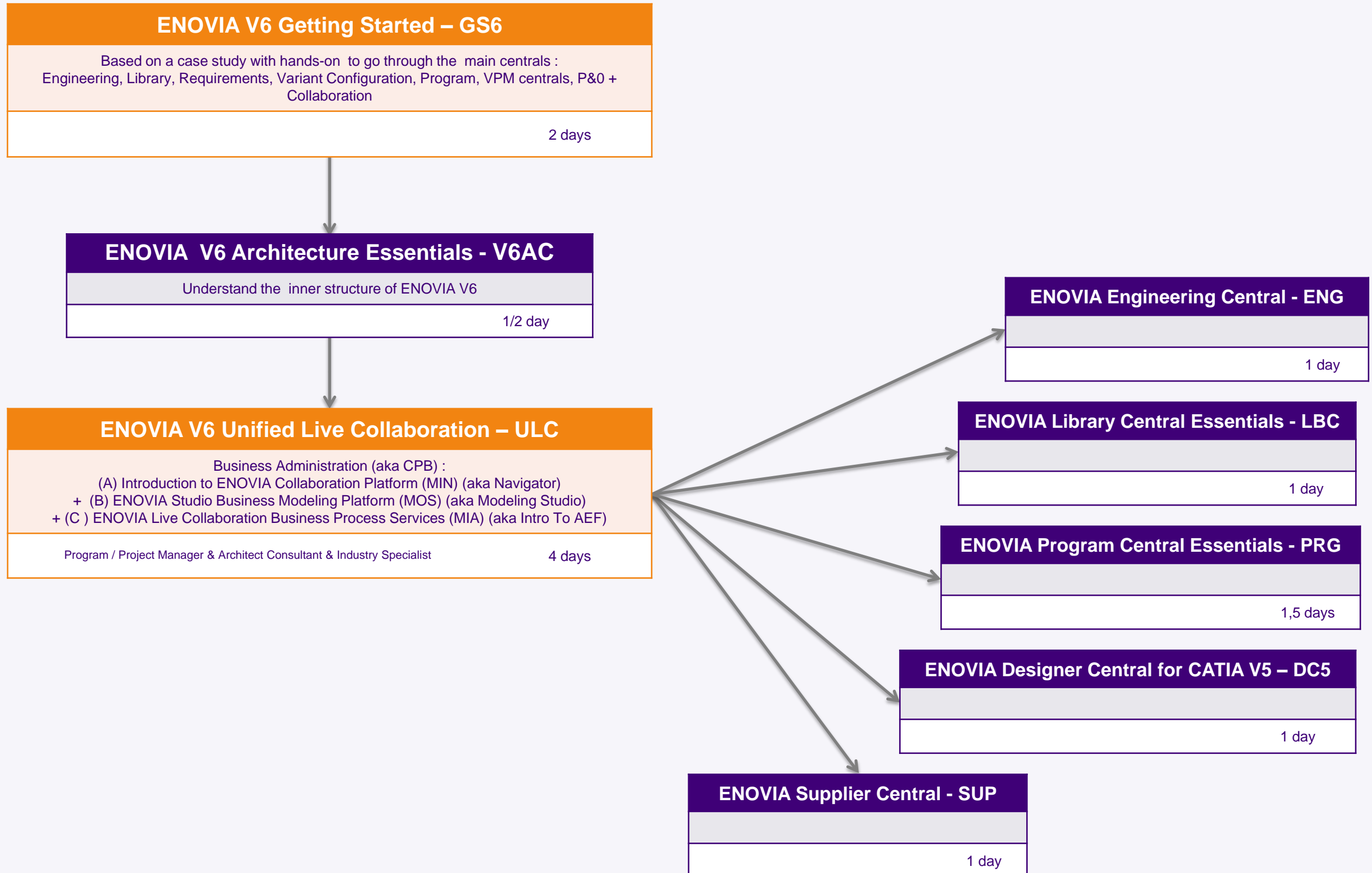
CATIA V5 to V6 Analysis Transition - V6AT

1 day

CATIA V5 to V6 Mechanical Surface Design Transition - V6ST

1 day

Solution Architect ENOVIA V6



Course Details



CATIA V5 to V6 Analysis Transition

Course Code	CAT-en-V6AT-F-V6R101
Available Release	V6R2010 , V6R2010x
Duration	8 hours
Available Language	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, post processing, and assembly analysis).
Objectives	Upon completion of this course you will be able to: <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

CATIA V5 to V6 Mechanical Design Transition

Course Code	CAT-en-V6MT-F-V6R101
Available Release	V6R2010 , V6R2010x
Duration	16 hours
Available Language	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 how to load a product configuration, design in context, replace components with new versions and analyze a product.
Objectives	Upon completion of this course you will be able to: <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 V5 to V6 Mechanical Surface Design Transition

Course Code	CAT-en-V6ST-F-V6R101
Available Release	V6R2010 , V6R2010x
Duration	8 hours
Available Language	English
Level	Fundamental
Audience	Mechanical Surface Designer
Description	<p>This course covers the following topics of V6R2010:</p> <ul style="list-style-type: none">• User interface of V6 and new terminologies• Data management and propagation• Instant collaborative functions
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 Electrical Transition

Course Code	CAT-en-V6VET-F-V6R100
Available Release	V6R2010
Duration	24 hours
Available Language	English
Level	Fundamental
Audience	Electrical Designers
Description	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.
Objectives	Upon completion of this course you will be able to: <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 V6 Mechanical Design Fundamentals

Course Code	CAT-en-V6F-F-V6R101
Available Release	V6R2010 , V6R2010x
Duration	40 hours
Available Language	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	Upon completion of this course you will be able to: <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	Students attending this course should be familiar with the Microsoft Windows Operating System.
Available Online	Yes

ENOVIA Designer Central For CATIA V5

Course Code	ENOV-en-DC5-F-V6R100
Available Release	V6R2010
Duration	8 Hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• Design Engineer, Drafting Engineer, and Manufacturing Engineers.• Business Administration and System Administration personnel responsible for managing the Designer Central - CATIA Integration Application.
Description	ENOVIA Designer Central for CATIA V5 is a comprehensive workgroup design application that allows product designers and their extended supply chains to share and manage Engineering design and change information from CAD design tools.
Objectives	<ul style="list-style-type: none">• Store and Retrieve CAD Design in ENOVIA V6.• Create New Components, Drawings, and Bill of Material.• Review and Release the CAD Model.• Modify the Existing Design and Create new Revision.
Prerequisites	Engineering Central and CATIA V5 basic Knowledge.
Available Online	Yes

Course Code	ENOV-en-ENG-F-V6R100
Available Release	V6R2010
Duration	8 Hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• Engineering personnel responsible for designing, manufacturing, evaluating and approving changes to the products of the company.• Administrators responsible for maintaining the Engineering Central application.
Description	ENOVIA Engineering Central teaches you how to use the ENOVIA Business Application developed for managing the engineering change processes.
Objectives	<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	None
Available Online	Yes

ENOVIA Library Central Essentials

Course Code	ENOV-en-LBC-F-V6R101
Available Release	V6R2010 , V6R2010x
Duration	8 Hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• Design engineers, Manufacturing Engineers, Project managers, Technical writers• Business Administration, System Administration
Description	ENOVIA Library central offers a powerful, flexible, solution for organizing, finding, and sharing documents and files in a collaborative work environment.
Objectives	Upon completion of this course you will be able to: <ul style="list-style-type: none">• Identify features of ENOVIA Library Central and explain when they are used.• Work with and create different types of Libraries and their related structures.• Define access to folders and their associated documents.• Understand the Common Document Management (CDM) component.• Understand the Common Profile Management component.
Prerequisites	None
Available Online	Yes

ENOVIA Program Central Essentials

Course Code	ENOV-en-PRG-F-V6R101
Available Release	V6R2010 , V6R2010x
Duration	12 hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• Any personnel who are working on projects and/or managing projects.• Business Administrators and System Administrators who will be responsible for maintaining the Program Central application.
Description	'ENOVIA Program Central' course teaches you how to use the ENOVIA Business Process Application developed for managing projects. It clearly teaches how ENOVIA Program Central can be used to define Business Structures, define Projects, create/define Project members, perform Project Tasks management etc.
Objectives	<ul style="list-style-type: none">• Understand the standard process functionality of ENOVIA Program Central.• Know the objects used in this Application as well as the processes and the lifecycles of the objects.
Prerequisites	None
Available Online	Yes

Course Code	ENOV-en-SUP-F-V6R100
Available Release	V6R2010
Duration	8 Hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• Purchasing and Engineering department personnel who are responsible for procuring manufactured and raw material goods from suppliers. Some examples include: buyers, design engineers, manufacturing engineers and business administrators.• Supplier representatives associated with the buying organization as either a partner or vendor relationship. Some examples include: suppliers, supplier representatives, and supplier engineers.• Business Administration and System Administration personnel who will be responsible for maintaining the ENOVIA Supplier Central application.
Description	ENOVIA Supplier Central teaches you how to use the ENOVIA business application developed for managing your suppliers of parts.
Objectives	Use the ENOVIA business application developed for managing your suppliers of parts.
Prerequisites	None
Available Online	Yes

Course Code	ENOV-en-V6AC-F-V6R110
Available Release	V6R2011
Duration	4 hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• System Administrator• Application Architect
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	Upon completion of this course you will be able to: <ul style="list-style-type: none">• Understand the architecture of ENOVIA V6• Draw the relationship diagram between various IT components of ENOVIA V6 environment• Create the logical architecture of ENOVIA V6 deployment• Plan the security and network infrastructure for ENOVIA V6
Prerequisites	None
Available Online	Yes

ENOVIA V6 Getting Started

Course Code	ENOV-en-GS6-F-V6R100
Available Release	V6R2010
Duration	16 Hours
Available Language	English
Level	Fundamental
Audience	Generic Users
Description	In this course, you will discover the essentials concepts of ENOVIA V6.
Objectives	<p>At the end of this course participants 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 that V6 covers all the lifecycle of a product.• Understand the differences between the applications.• Understand the data model.• Identify the main functionalities of each application.• Discover the tools of ENOVIA V6 administration.
Prerequisites	None
Available Online	Yes

ENOVIA V6 Unified Live Collaboration

Course Code	ENOV-en-ULC-F-V6R2010
Available Release	n/a
Duration	28 hours
Available Language	English
Level	Fundamental
Audience	Application Engineers Program/Project Manager, Application Engineers Architect Consultant, Application Engineers Industry Specialist
Description	<ul style="list-style-type: none">• Introduction to ENOVIA Collaboration Platform• ENOVIA Platform Modeling Studio• ENOVIA Business Process Services
Objectives	<p>At the end of this class, you will be able to:</p> <ul style="list-style-type: none">• Describe the ENOVIA Core Functionalities (from Matrix).• Diagram the basic schema and explain each of its objects and relationships.• Use the ENOVIA Matrix Navigator and Business Modeler Interfaces.• Create and connect business objects into the installed ENOVIA schema.• Test all aspects of the installed schema through the ENOVIA Matrix interface• Use the basic functionality of using MQL (Matrix Query Language)• Given a detailed problem analysis report, you will be able to design and implement a schema to provide a solution.• Describe the features of the AEF: Application Exchange Framework.• Install the AEF as a new database or over an existing database.• Evaluate an installation through its log file.• Understand and describe symbolic names.• Configure the login process.• Configure the default framework functionality.• Customize administrative objects.• Add Menus and Commands using Configurable Components of the Dynamic User Interface.• Effectively manage the AEF.
Prerequisites	ENOVIA V6 Getting Started
Available Online	No

Contact Information



Contact Information

- ▶ For more information on curriculum paths, courses, pricing or schedules, please contact us by email:

- Europe/Middle East/Africa
EMEA.Education@3ds.com
- Americas
AG.Education@3ds.com
- Asia-Pacific
AP.Education@3ds.com



- ▶ To register for a public enrolment class:

- <http://www.3ds.com/education/course-catalogs-classes/register-to-a-class-emea/>

The screenshot shows the Dassault Systèmes Education website. The top navigation bar includes the Dassault Systèmes logo, language selection (English), region selection, and links for Contact, Sign In, and Search. The main content area is titled "EDUCATION" and features a "Course Catalogs" section with a description of the courses and a "Register to a class" form. The form includes fields for Class Name, Location, Starting date, Ending date, Company Name, First Name, and Last Name. A sidebar on the right contains an "Education overview" menu with links to DS University, E-learning, Course Catalogs & Classes, Certification, and Academia. A "Related link" section at the bottom of the sidebar points to a "CANCELLATION POLICY" page.

