

COURSE CATALOG

3DEXPERIENCE
July 2014



3DEXPERIENCE

3DS Learning Solutions | Course Catalog

© 2007-2014 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.

3DS Learning Solutions | Course Catalog

DELMIA Milling Machining Essentials (SMG)	33
DELMIA Multi-Axis Machining Essentials (MMG)	34
DELMIA Prismatic Machining Advanced (PMG)	35
DELMIA Prismatic Machining Fundamentals (PMG)	37
Manufacturing Engineering	38
DELMIA Manufactured Item Definition Essentials (PRD)	39
DELMIA Manufacturing Assembly Evaluation Essentials (FIT)	40
DELMIA Manufacturing Equipment Allocation Essentials (MLB)	42
DELMIA Manufacturing Process Planning Essentials (MSD)	43
DELMIA Manufacturing Work Instructions (WKD)	44

ENOVIA

Application Lifecycle Services	45
ENOVIA Collaboration and Approvals Essentials (BUPS)	46
ENOVIA Collaboration for Microsoft Essentials (COMI)	48
ENOVIA Collaborative Lifecycle Management Essentials (LIIN)	49
ENOVIA X-CAD Design Management Essentials (XCAD)	50
Global Product Development	52
ENOVIA Design Review Essentials (REEV)	53
ENOVIA Engineering BOM Management Essentials (ENBO)	54
ENOVIA On-The-Go Essentials (ONGO)	55
ENOVIA Variant Management Essentials (VAMA)	56
Installation and Administration	57
Data Model Development: Studio Business Modeler (TMO3)	58
Data Model Development: Studio Matrix Navigator (TMO1)	59
Data Model Development: Studio MQL (TMO4)	60
Data Model Development: Studio System (TMO2)	61
IP Classification and Protection	62
ENOVIA Part and IP Classification Essentials (PACL)	63
Experience ENOVIA Classify and Reuse (CLRE)	64
Product Planning and Program Management	65
ENOVIA Program and Project Management Advanced (PRPR)	66
ENOVIA Program and Project Management Fundamentals (PRPR)	68
Experience ENOVIA Project Sharing (PREX)	69
Quality and Compliance Management	70
ENOVIA Materials Compliance Management Essentials (MACO)	71

3DS Learning Solutions | Course Catalog

Strategic Customer Relationship Management	72
ENOVIA Traceable Requirements Management Essentials (RERE)	73

EXALEAD

OnePart	75
EXALEAD OnePart Essentials (S1P)	76

SIMULIA

Design Simulation	77
Product Design Simulation Essentials (PDS)	78
Multiphysics Simulation	79
Fluid Mechanics Simulation Essentials (FLO)	80
Structural Mechanics Simulation Essentials (SME)	81

ENOVIA

Application Lifecycle Services

ENOVIA Collaboration and Approvals Essentials (BUPS)

Course Code	ENOV-en-BUPS-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	ENOVIA users
Description	<p>This course will teach you the common functionalities used throughout the ENOVIA apps, which enable you to manage your content as well as collaborate with other members in a team. You will learn how to create workspaces for managing your business related components, such as folders, members and tasks. You will also learn how to create various workflows using routes, subscribe to your task related events, and report issues for objects. Finally, you will learn to create and version your documents, while maintaining a record for all its revisions.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Explain the features of the Collaboration and Approvals app - Illustrate the structure of ENOVIA Business Process Services - Create and manage your folders - Create workflows - Identify and manage your assigned tasks - Subscribe to various objects and events - Report and resolve issues in objects - Create, track and organize your documents

ENOVIA Collaboration and Approvals Essentials (BUPS)

Prerequisites

Students attending this course should have completed the Gateway to 3DEXPERIENCE Platform course.

Available Online

Yes

ENOVIA Collaboration for Microsoft Essentials (COMI)	
Course Code	ENOV-en-COMI-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	4 hours
Course Material	English
Level	Fundamental
Audience	Project Managers, Design Engineers, Reviewers and Technical Writers.
Description	This course will teach you how to use the ENOVIA Collaboration for Microsoft App to access and manage the documents in the ENOVIA database using the Microsoft applications.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Access documents from the ENOVIA database using the Microsoft applications - Create, manage and synchronize the documents
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course. They should have also completed the ENOVIA Collaboration and Approvals Essentials course.
Available Online	Yes

ENOVIA Collaborative Lifecycle Management Essentials (LIIN)

Course Code	ENOV-en-LIIN-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	4 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 3DEXperience Platform, Collaborative Lifecycle Management Essentials helps medium to large companies take more innovative products to market faster by providing collaborative Virtual Product Management 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"> - Create a new product structure - Manage the changes in a product structure - Collaborate with Engineering BOM - Manage documents
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course. - Additionally, they should be familiar with the CATIA Part Design and CATIA Assembly Design fundamentals
Available Online	Yes

ENOVIA X-CAD Design Management Essentials (XCAD)

Course Code	ENOV-en-XCAD-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	12 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
Description	<p>This course will teach you how to use the XCAD Design Management app for the CATIA V5 Connector. You will learn how to share and manage information related to engineering design and engineering change from CATIA V5 and ENOVIA. You will also learn how to view the details of CAD objects, search for data, perform lifecycle operations, and create and synchronize the Engineering BOMs.</p>
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Initialize and work in the Embedded Integration mode - Store and retrieve the CATIA V5 files in ENOVIA - Create new components, drawings and Bill of Materials (BOM) - Review and release the CAD models - Modify the existing designs and create new revisions
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have completed the Gateway to 3DEXPERIENCE Platform, ENOVIA Collaboration and Approvals Essentials courses.

ENOVIA X-CAD Design Management Essentials (XCAD)

- Students attending this course should be familiar with CATIA V5 fundamentals.

Available Online

Yes

ENOVIA

Global Product Development

ENOVIA Design Review Essentials (REEV)	
Course Code	ENOV-en-REEV-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	4 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Designers
Description	This course will teach you how to create a design review. You will learn how to create different slides for various positions of an assembly to create exploded views. You will also learn how to create sections and measures, and export them as parts or drawings.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create a design review and add markups to it - Create slides and add markers - Create sections and measures - Export the sections and measures
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.
Available Online	Yes

ENOVIA Engineering BOM Management Essentials (ENBO)

Course Code	ENOV-en-ENBO-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Design Engineers and Manufacturing Engineers
Description	This course will teach you how to use ENOVIA Engineering BOM Management to manage the engineering change process. You will learn how to create parts and specifications and raise Change Requests on the parts and specifications. You will also learn to create Change Orders to address the design modifications raised in Change Requests. Further, you will learn how to create part revisions and generate various types of reports.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create new parts and specifications - Create and edit Bill of Materials - Create a Change Request to make the changes in a part or a specification - Create a Change Order for a new product - Review and release the new product - Modify the existing product and create a new revision
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.
Available Online	Yes

ENOVIA On-The-Go Essentials (ONGO)	
Course Code	ENOV-en-ONGO-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	1 hour
Course Material	English
Level	Fundamental
Audience	Users of the 3DEXPERIENCE Platform
Description	This course will teach you how you can work in the offline mode in the 3DEXPERIENCE platform.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Work in the offline mode - Return to the online Mode - Restore the last session
Prerequisites	Students attending this course should be familiar with the 3DEXPERIENCE platform.
Available Online	Yes

ENOVIA Variant Management Essentials (VAMA)

Course Code	ENOV-en-VAMA-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Product Managers, System Engineers, Design Engineers, Issue Managers and Marketing Managers
Description	This course will teach you how to use the Variant Management app for creating and managing product configurations. You will learn how to create product portfolios and manage the product variability using various configuration features and rules. You will also learn how to generate a Bill of Materials and associate its parts with the features of a product.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Define product portfolios based on product roadmaps - Create and manage product configurations and design variants - Use Engineering Changes (ECs) to track and resolve issues
Prerequisites	Students attending this course should have completed the Gateway to 3DEXPERIENCE Platform course. Additionally, they should have also completed the ENOVIA Collaboration and Approvals Essentials course.
Available Online	Yes

ENOVIA

Installation and Administration

Data Model Development: Studio Business Modeler (TMO3)

Course Code	ENOV-en-TMO3-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	3DEXPERIENCE Platform PLM-Administrators and Implementers
Description	
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Describe the basics of a 3DEXPERIENCE Platform schema - Understand the AEF Schema to customize the data model - Design and implement a 3DEXPERIENCE Platform schema using the Business Modeler
Prerequisites	Students attending this course should have completed the 3DEXPERIENCE Open Studio Matrix Navigator and the 3DEXPERIENCE Open Studio System Administration courses.
Available Online	Yes

Data Model Development: Studio Matrix Navigator (TMO1)

Course Code	ENOV-en-TMO1-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	3DEXPERIENCE Platform PLM-Administrators and Implementers
Description	This course is intended to teach administrators how to work with 3DEXPERIENCE Studio applications, how to define the new business model or modify existing schema. The main goal is to learn how to use existing capabilities of the 3DEXPERIENCE platform to perform business and system administrator tasks.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Describe the 3DEXPERIENCE Platform Architecture and its components - Explain the 3DEXPERIENCE Platform Schema and its Data Model - Use the 3DEXPERIENCE Studio Matrix Navigator to create and edit Business Objects
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.
Available Online	Yes

Data Model Development: Studio MQL (TMO4)	
Course Code	ENOV-en-TMO4-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	4 hours
Course Material	English
Level	Fundamental
Audience	3DEXPERIENCE Platform Business Administrators, System Administrators and Implementers
Description	
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand basic MQL commands - Modify the schema - Create, modify, delete and query business objects - Export and import data - Create MQL scripts
Prerequisites	Students attending this course should have completed the 3DEXPERIENCE Open Studio Matrix Navigator and the 3DEXPERIENCE Open Studio Business Modeler courses.
Available Online	Yes

Data Model Development: Studio System (TMO2)	
Course Code	ENOV-en-TMO2-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	2 hours
Course Material	English
Level	Fundamental
Audience	3DEXPERIENCE Platform PLM-Administrators and Implementers
Description	
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Understand the purpose of 3DEXPERIENCE Open Studio System Administration - Describe the configuration objects of the Studio System - Setup stores and vaults in the Studio System
Prerequisites	Students attending this course should have completed the 3DEXPERIENCE Open Studio Matrix Navigator course.
Available Online	Yes

ENOVIA

IP Classification and Protection

ENOVIA Part and IP Classification Essentials (PACL)	
Course Code	ENOV-en-PACL-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Product Engineers, Designers, Manufacturing Professionals, Technical Writers, Business Administrators and System Administrators
Description	This course will teach you how to use the ENOVIA Part and IP Classification app to create document libraries, part libraries and general libraries, and how to manage parts and documents using these libraries. You will learn how to store, manage and access documents and other files within the application in a collaborative work environment.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create and work with different types of libraries and their related hierarchy - Manage the documents and part objects of the libraries - Classify the library objects based on their features - Use the Classification functionality to manage Attribute Groups
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.
Available Online	Yes

Experience ENOVIA Classify and Reuse (CLRE)

Course Code	ENOV-en-CLRE-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	4 hours
Course Material	English
Level	Fundamental
Audience	Design Engineers, Manufacturing Engineers, Project Managers and Technical Writers
Description	This course will teach you how to use the ENOVIA Classify and Reuse App to search and view different types of libraries and the objects hierarchy. You will also learn how to manage the objects using these libraries.
Objectives	Upon completion of this course you will be able to: <ul style="list-style-type: none"> - Search and view different types of Libraries and their related hierarchy
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course. Additionally, they should have completed the ENOVIA Collaboration and Approvals Essentials course.
Available Online	Yes

ENOVIA

Product Planning and Program
Management

ENOVIA Program and Project Management Advanced (PRPR)

Course Code	ENOV-en-PRPR-A-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Advanced
Audience	Project Managers, Project Members and Reviewers
Description	This course focuses on the advanced functionalities of ENOVIA Program Central. You will learn how to manage risks associated with a project, assign people to meet the project's resource requirements and track quality metrics. You will also learn how to create budgets and benefits for a project, work with time sheets and generate labor reports.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Document the various risk areas of a project and track them - Create and manage the resource requirements for a project - Create budgets and benefits to monitor the financials of a project - Track the time spent on a project using time sheets - Identify the quality factors of a project and monitor them - Create an assessment to measure the project's health - Use dashboards to monitor the status of your projects
Prerequisites	<ul style="list-style-type: none"> - Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.

ENOVIA Program and Project Management Advanced (PRPR)

- Additionally, they should have also completed the ENOVIA Program and Project Management Fundamentals course.

Available Online

Yes

ENOVIA Program and Project Management Fundamentals (PRPR)

Course Code	ENOV-en-PRPR-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Project Managers, Project Members and Reviewers.
Description	This course will teach you how to create and manage projects, assign project members, create tasks, create folder structures and define access rights for managing the documents related to the projects. You will also learn how to create the process flows for the review and approval of tasks, and how to monitor the status of different projects. Additionally, you will learn how to use the Microsoft Project Integration functionality to exchange and view a project's data.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create programs and projects - Assign members to a project - Add tasks and assign project members to the tasks - Create folders for managing the project documents - Create process flow for the tasks - Review the status of programs and projects - Exchange and view projects' data using Microsoft Project Integration
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.
Available Online	Yes

Experience ENOVIA Project Sharing (PREX)	
Course Code	ENOV-en-PREX-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Project Members
Description	This course will teach how to use the Project Sharing app to manage your assigned tasks. You will be able to create projects and its schedule, modify the tasks, record the risks, and create timesheets.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create projects - Create and edit the project schedule - Create and assign accesses to folders - Record risks for projects and tasks - Create and submit timesheets
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course. They should have also completed the ENOVIA Collaboration and Approvals Essentials course.
Available Online	Yes

ENOVIA

Quality and Compliance Management

ENOVIA Materials Compliance Management Essentials (MACO)

Course Code	ENOV-en-MACO-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Compliance Engineers, Senior Compliance Engineers and Supplier Representatives
Description	In this course, you will learn how to create and manage materials, substances and material declarations that are required to design the assembly components. You will also learn how to collect the regulatory requirements, integrate them through a supplier chain, analyze the compliance reports and publish them to customers.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Create environmental compliances - Perform compliance analyses - Collaborate with suppliers - Create material declarations - Generate compliance reports
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.
Available Online	Yes

ENOVIA

Strategic Customer Relationship Management

ENOVIA Traceable Requirements Management Essentials (RERE)

Course Code	ENOV-en-RERE-F-15-141
Available Release	3DEXPERIENCE R2014x
Duration	12 hours
Course Material	English
Level	Fundamental
Audience	System Engineers, People defining Product Requirements, Product Managers and Product Developers
Description	This is a process-based course, which uses an industrial scenario to teach you how to use ENOVIA Traceable Requirements Management App for capturing, creating and managing the requirements. You will learn how to derive and decompose the requirements, create requirement specifications, associate requirements with models and products and validate the allocation status. You will also learn how to track the requirements using various traceability reports.
Objectives	<p>Upon completion of this course you will be able to:</p> <ul style="list-style-type: none"> - Capture Requirements from MS Word and MS Excel Documents - Create Requirements and Requirement Specifications - Allocate Requirements to Products and Models - Create Test Cases and Use Cases - Create Revision and multiple Versions of Requirements - Generate Traceability Reports
Prerequisites	Students attending this course should have completed the Gateway to the 3DEXPERIENCE Platform course.

ENOVIA Traceable Requirements Management Essentials (RERE)

Additionally, they should have also completed the ENOVIA Collaboration and Approvals Essentials course.

Available Online

Yes