Course Catalog

V5-6R2014 to V5-6R2018

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DELMIA

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DELMIA Assembly V5

Assembly Process Planner (APN)

Course Code	DEL-en-APN-F-V5R26
Available Releases	V5-6R2014 , V5-6R2015 , V5-6R2016 , V5-6R2017
Duration	8 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers, Industrial Engineers and Assembly Planners
Description	This course will teach you to create manufacturing assembly process plans quickly with easy-to-use tools. You will learn how to use the engineering Bill of Materials or a manufacturing assembly template to create the initial process and resulting manufacturing assembly structure. You will also learn to use Assembly Spec Tree editor to visualize the manufacturing assembly structure that can be refined with the intuitive drag-and-drop capabilities for parts.
Objectives	Upon completion of this course you will be able to: - Author assembly operations and resulting manufacturing assemblies - Balance the part and the assembly distribution between assembly operations
Prerequisites	Students attending this course should be familiar with the DELMIA V5 fundamentals and the DELMIA E5 Process Engineer.
Available Online	Yes

DPM Assembly (ASY)

Course Code	DEL-en-ASY-F-V5R24
Available Releases	V5-6R2014 , V5-6R2015 , V5-6R2016 , V5-6R2017
Duration	24 hours
Course Material	English
Level	Fundamental
Audience	Simulation, Industrial, Mechanical Engineers
Description	This course will teach you how to create simulations for an Assembly Project used in a stand alone mode using a task-based approach. You will learn the commands, options and menus within the context of completing a design task with the help of case studies illustrating these processes.
Objectives	Upon completion of this course you will be able to: - Create the process plan - Create and enhance the simulation - Analyze the movement - Create output files - Conduct tool validation
Prerequisites	Students attending this course should be familiar with V5 fundamentals and Mechanical Engineering in general.
Available Online	Yes

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DELMIA D5 QUEST V5

QUEST (QST)

Course Code	DEL-en-QST-F-V5R27
Available Releases	V5-6R2014 , V5-6R2015 , V5-6R2016 , V5-6R2017
Duration	18 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers, Simulation Engineers, and Industrial Engineers
Description	This course will teach you how to create a discrete event simulation that will enable you to design and analyze complex systems. You will learn how to create the basic elements (such as Parts, Source, and Sink) of a Production System and the various Material Handling Systems (MHS) that facilitate in the movement of Parts. You will also learn how to create the Kinematics Parts and Devices and simulate the model by defining the Shifts and Failures.
Objectives	Upon completion of this course you will be able to: - Create the basic elements that form the Queuing Event Simulation Tool (QUEST) model - Build the elements of material handling systems that are specific to the QUEST model - Create and manipulate kinematics devices - Define shifts and failures - Simulate the model
Prerequisites	Students attending this course should be familiar with the fundamentals of Mechanical Design and Discrete Event Simulation.
Available Online	Yes

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DELMIA Manufacturing Hub V5

Basic Process Engineer (DPE)

Course Code	DEL-en-DPE-F-V5R26
Available Releases	V5-6R2014 , V5-6R2015 , V5-6R2016 , V5-6R2017
Duration	16 hours
Course Material	English
Level	Fundamental
Audience	Mechanical Engineers, Industrial Engineers
Description	This course will teach you how to implement DELMIA Process Engineer in your environment. You will learn how to recognize process risks, reuse proven processes, trace changes and decisions, and access scattered process knowledge. You will also learn how to use DELMIA Process Engineer during the development of a new project.
Objectives	Upon completion of this course you will be able to: - Organize, evaluate and manage the Product, Process and Resource (PPR) data - Manage relationships between the products, processes and resources - Integrate the PPR Hub with QUEST and DPM - Import the data from the PPR Hub into QUEST and DPM
Prerequisites	Students attending this course must be familiar with Mechanical Engineering and the fundamentals of DELMIA V5 in general.
Available Online	Yes

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DELMIA Robotics V5

V5 Robotics (ROB)

Course Code	DEL-en-ROB-F-V5R27
Available Releases	V5-6R2014 , V5-6R2015 , V5-6R2016 , V5-6R2017
Duration	10 hours
Course Material	English
Level	Fundamental
Audience	Simulation, Industrial, Mechanical Engineers
Description	This course will teach you how to create, program, simulate and validate an entire robot workcell for any manufacturing industry. You will learn how to create a tag and robot task. You will also learn to create Input/ Output (IOs) connections and validate them in context with the organizational resource. Finally, you will learn to create robot controller profiles.
Objectives	Upon completion of this course you will be able to: - Prepare the working environment - Build the layout - Create tags and robot tasks - Optimize the simulation
Prerequisites	Students attending this course should be familiar with DELMIA V5 Fundamentals and Mechanical Engineering in general.
Available Online	Yes