

VIAS3D Training Catalog

Unlock your technical Prowess

Design by Analysis Methods	AVAILABLE ON REQUEST	Dynamic Analysis	AVAILABLE ON REQUEST
Fundamentals of FEA	AVAILABLE ON REQUEST	Fundamentals of Fracture and Failure	AVAILABLE ON REQUEST
Fundamentals of Heat Transfer	AVAILABLE ON REQUEST	Fundamentals of Fracture and Failure	AVAILABLE ON REQUEST
Fundamentals of Heat Transfer	AVAILABLE ON REQUEST	Fundamentals of Fracture and Failure	AVAILABLE ON REQUEST
Fundamentals of Heat Transfer	AVAILABLE ON REQUEST	Fundamentals of Fracture and Failure	AVAILABLE ON REQUEST



Abaqus for Offshore Analysis	MARCH 31-31 JUNE 1-2	Abaqus/CAE: Geometry Import	FEB 25-26 APRIL 13-14
Abaqus/Explicit: Advanced Topics	FEB 25-27 APRIL 27-29	Advanced Abaqus Scripting	JAN 27-28 MAY 18-19
Analysis of Composite Materials	JUNE 2-4 FEB 23-25	Analysis of Geotechnical	MARCH 31- APRIL 1 APRIL 15-16
Buckling, Postbuckling and Collapse	JAN 14-15 MARCH 11-12 MAY 26-27	Crashworthiness Analysis with Abaqus	AVAILABLE ON REQUEST
CST Studio Suite – EDA / SI-PI	JUNE 10 FEB 11	CST Studio Suite – EMC/EMI	JAN 21 FEB 18 MARCH 20 APRIL 2 JUNE 17
CST Studio Suite – Microwave	JAN 23 MARCH 3 MAY 12	Element Selection in Abaqus	JAN 20-21 MARCH 31- APRIL 1
Fatigue of Welds in fe-safe	MARCH 2	Fitness-for-Service Analysis	JUNE 2-3 MARCH 4-5
GUI Customization with Abaqus	JUNE 8-10 FEB 17-19	Heat Transfer and Thermal Stress	FEB 26-27 APRIL 6-7

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Introduction to Abaqus	JAN 20-23 FEB 9-12	FEB 23-26 MARCH 9-12	MARCH 23-26 APRIL 6-9	APRIL 20-23 MAY 5-8	MAY 18-21 JUNE 8-11
Introduction To Abaqus For CATIA V5	AVAILABLE ON REQUEST		Introduction to Abaqus/CAE	FEB 9-10 APRIL 8-9	JUNE 8-9
Introduction to Abaqus Scripting	JAN 5-6 JAN 26-27	FEB 17-18 MARCH 3-4	APRIL 13-14 JUNE 10-11		
Introduction to Abaqus/Standard	FEB 23-25 JUNE 8-10		Introduction to fe-safe	AVAILABLE ON REQUEST	
Introduction to CST Studio Suite	JAN 22 FEB 17	MARCH 2 APRIL 1	APRIL 22 MAY 11	MAY 28 JUNE 16	
Introduction to Isight	JUNE 15-16		Introduction to Opera-3D	FEB 2-4 MAY 26-28	
Introduction to PowerFLOW	JUNE 22		Introduction to Simpack	JUNE 8-10	
Introduction to Tosca Structure	JAN 20-23 MAY 5-6		Introduction to XFlow	JUNE 22	
Linear Dynamics with Abaqus	JAN 26-27 MARCH 4-5		Metal Inelasticity in Abaqus	FEB 4-5 MAY 20-21	
Modeling Contact and Resolving Convergence Issues	JAN 12-14	MARCH 17-19	MARCH 31- APRIL 2	MAY 12-14	JUNE 24-26
Modeling Contact With Abaqus/Standard	AVAILABLE ON REQUEST		Modeling Fracture and Failure	MARCH 4-6 JUNE 22-24	
Modeling Rubber and Viscoelasticity with Abaqus	MARCH 3-4		SIMULIA 3DEXPERIENCE Fluid	AVAILABLE ON REQUEST	



DS SIMULIA

SIMULIA 3DEXPERIENCE Material	JUNE 10-11	SIMULIA 3DEXPERIENCE Mechanical Scenario Creation Essentials	APRIL 6-7 JUNE 15-16
SIMULIA 3DEXPERIENCE Plastic Injection Essentials	MAY 18	SIMULIA 3DEXPERIENCE Process	MARCH 4
SIMULIA 3DEXPERIENCE Structural	AVAILABLE ON REQUEST	Substructures and Submodeling with Abaqus	MARCH 31- APRIL 1
Tire Analysis with Abaqus	AVAILABLE ON REQUEST	Tire Analysis with Abaqus: Fundamentals	AVAILABLE ON REQUEST
Writing User Subroutines with Abaqus	AVAILABLE ON REQUEST		

DS CATIA

CATIA 3D Functional Tolerancing	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE 3D Tolerancing and Annotation Designer	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Dynamic Systems Engineer	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE Electrical 3D Systems Designer	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Function Driven Generative Designer	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE Live Rendering Essentials	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Mechanical and Shaper Designer	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE Mechanical Design Fundamentals	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Mechanical Designer	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE Plastic Mechanical Designer	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Product Industrial Designer	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE Reverse Engineer	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Sheet Metal Designer	AVAILABLE ON REQUEST	CATIA 3DEXPERIENCE Templates and Rules Designer	AVAILABLE ON REQUEST
CATIA 3DEXPERIENCE Visual Experience Designer	AVAILABLE ON REQUEST	CATIA Administration	AVAILABLE ON REQUEST

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DS CATIA

CATIA Composer Essentials	AVAILABLE ON REQUEST	CATIA Detail Drafting	AVAILABLE ON REQUEST
CATIA Electrical Harness Flattening	AVAILABLE ON REQUEST	CATIA Freestyle Shaper, Optimizer & Profiler	AVAILABLE ON REQUEST
CATIA Functional Molded Parts	AVAILABLE ON REQUEST	CATIA Generative Drafting	AVAILABLE ON REQUEST
CATIA Generative Sheetmetal Design	AVAILABLE ON REQUEST	CATIA Generative Structural Analysis	AVAILABLE ON REQUEST
CATIA Getting Started with CATIA V5	AVAILABLE ON REQUEST	CATIA Knowledge Fundamentals	AVAILABLE ON REQUEST
CATIA Multi-Axis Surface Machining	AVAILABLE ON REQUEST	CATIA Numerical Control Infrastructure	AVAILABLE ON REQUEST
CATIA PLM Express Fundamentals	AVAILABLE ON REQUEST	CATIA Prismatic Machining	AVAILABLE ON REQUEST
CATIA Surface Machining	AVAILABLE ON REQUEST	CATIA V5 Foundations for Aerospace Assembly Designers	AVAILABLE ON REQUEST
CATIA V5 Fundamentals	AVAILABLE ON REQUEST	CATIA V5 Part Design	AVAILABLE ON REQUEST
CATIA V5 Product Design	AVAILABLE ON REQUEST		

DS ENOVIA

ENOVIA Change Manager	AVAILABLE ON REQUEST	ENOVIA Collaborative Business	AVAILABLE ON REQUEST
ENOVIA Digital Mockup Review	AVAILABLE ON REQUEST	ENOVIA Engineering BOM	AVAILABLE ON REQUEST
ENOVIA Product Architect	AVAILABLE ON REQUEST	ENOVIA Product Manager	AVAILABLE ON REQUEST

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ENOVIA

ENOVIA Product Release	AVAILABLE ON REQUEST	ENOVIA Project Manager	AVAILABLE ON REQUEST
ENOVIA Traceable Requirements	AVAILABLE ON REQUEST		

DELMIA

DELMIA Factory Flow Simulation	AVAILABLE ON REQUEST	DELMIA Manufactured Item Definition	AVAILABLE ON REQUEST
DELMIA Plant Layout Design	AVAILABLE ON REQUEST	DELMIA Process Planning	AVAILABLE ON REQUEST
DELMIA Robot Simulation	AVAILABLE ON REQUEST	DELMIA Work Instructions	AVAILABLE ON REQUEST

SOLIDWORKS

Advanced Part Modeling	AVAILABLE ON REQUEST	Assembly Modeling	AVAILABLE ON REQUEST
Mold Design Using SOLIDWORKS	AVAILABLE ON REQUEST	Sheet Metal	AVAILABLE ON REQUEST
SOLIDWORKS Advanced Topics	AVAILABLE ON REQUEST	SOLIDWORKS CAM Professional	AVAILABLE ON REQUEST
SOLIDWORKS Drawings	AVAILABLE ON REQUEST	SOLIDWORKS Essentials	AVAILABLE ON REQUEST
SOLIDWORKS Inspection	AVAILABLE ON REQUEST	SOLIDWORKS MBD	AVAILABLE ON REQUEST
SOLIDWORKS Routing – Electrical	AVAILABLE ON REQUEST	SOLIDWORKS Routing – Piping and Tubing	AVAILABLE ON REQUEST
SOLIDWORKS Visualize	AVAILABLE ON REQUEST	Surface Modeling	AVAILABLE ON REQUEST
Weldments	AVAILABLE ON REQUEST		

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Open Enrollment

Automation Using Macros & Scripting in MagicDraw	JAN 13-14	Applying SysML with MagicDraw (V1)	JAN 26-30
Teamwork Cloud & Carneo Collaborator Fundamentals	FEB 10-11	Enterprise Architecture in the UAF	FEB 23-27
Developing Domain Specific Languages in MagicDraw	MAR 19-20	Writing Custom Reports in MagicDraw	MAR 31 - APR 1
Applying SysML with MagicDraw (V2)	APR 6-10	Automation Using Macros & Scripting in MagicDraw	APRIL 21-22
M BSE Model Execution	APR 27- MAY 1	Applying SysML with MagicDraw (V1)	MAY 11-15
Querying MagicDraw Models With Structured Expressions	MAY 19-20	Enterprise Architecture in the UAF	JUN 1-5
Developing Domain Specific Languages in MagicDraw	JUN 9-10	Automation Using Macros & Scripting in MagicDraw	JUL 7-8
Applying SysML with MagicDraw (V1)	AUG 3-7	Applying SysML with MagicDraw (V2)	AUG 24-27
Developing Domain Specific Languages in MagicDraw	SEP 1-2	M BSE Model Execution	SEP 14-18
Enterprise Architecture in the UAF	OCT 5-9	Automation Using Macros & Scripting in MagicDraw	OCT 13-14
Teamwork Cloud & Carneo Collaborator Fundamentals	OCT 20-21	Writing Custom Reports in MagicDraw	NOV 2-3
Applying SysML with MagicDraw (V1)	NOV 16-19	Querying MagicDraw Models With Structured	DEC 1-2

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