

NT CAD/CAM Training Courses Quick Reference

Course Code	Level	Course Name	Duration	Number of Training Vouchers Required	Course Prerequisites	CERTIFICATION						
						CSWA	CSWP	CSWP-SMTL	CSWP-WLDM	CSWP-SURF	SCWP-MTLS	CSWP-FEA

DESIGN & DRAFTING (CAD) Courses

CAD01	1	Certified SolidWorks Essentials 3D Part & Assembly Modelling Course	3 Days	3	SolidWorks Tutorials	✓	✓	✓	✓	✓	✓	✓	✓
CAD02	2	Certified SolidWorks Essentials 2D Drawings & Detailing Course	2 Days	2	CAD01		✓	✓					✓
CAD03	3	Certified SolidWorks File Management Course	1 Day	2	CAD01 & CAD02								
UPG11	3	Certified SolidWorks What's New in SolidWorks 2012 Course	1 Day	2	CAD02 - Free to NT Maintained Customers								
CAD04	3	Certified SolidWorks Expert Advanced Part & Assembly Modelling Course	3 Days	3	CAD01 & CAD02		✓	✓	✓	✓	✓		✓
CAD05	3	Certified SolidWorks Sheet Metal & Weldments Course	2 Days	3	CAD01 & CAD02			✓	✓				✓
CAD07	3	Certified SolidWorks Surface Modelling Course	2 Days	3	CAD01 & CAD04					✓			✓
CAD08	3	Certified SolidWorks Mould Design Course	2 Days	3	CAD01 & CAD04						✓		✓
CAD09	4	Certified SolidWorks Routing Electrical Wiring Course	2 Days	3	CAD01 CAD02 & CAD04								✓
CAD010	4	Certified SolidWorks Routing Piping & Tubing Course	2 Days	3	CAD01 CAD02 & CAD04								✓
CAD011	2	Certified SolidWorks API Fundamentals Course	3 Days	12	CAD01 & VB Experience								✓
CAD012	2	Certified SolidWorks Productivity Tools Course	1 Day	2	CAD01		✓						✓
CAD13	1	Certified DraftSight® Essentials 2D Drawings & Detailing Course	2 Days	2	Drafting Experience with MS Windows OS								

WORKGROUP DATA MANAGEMENT (PDM)

PDM01	4	Certified SolidWorks WorkGroup PDM Contributor Course	½ Day	1	CAD03								
PDM02	4	Certified SolidWorks WorkGroup PDM CAD Editor Course	½ Day	1	CAD01, CAD02 & CAD03								
PDM03	4	Certified SolidWorks WorkGroup PDM CAD Administrator Course	1 Day	2	CAD01, CAD02 & CAD03								
PDM03a	4	Certified SolidWorks WorkGroup PDM QuickStart Course	2 Days	8	CAD01, CAD02 & CAD03								

ENTERPRISE WORKGROUP DATA MANAGEMENT (ePDM)

PDM04	4	Certified SolidWorks Enterprise PDM Contributor Course	½ Day	1	CAD03								
PDM05	4	Certified SolidWorks Enterprise PDM CAD Editor Course	½ Day	1	CAD01, CAD02 & CAD03								
PDM06	5	Certified SolidWorks Enterprise PDM CAD Administrator Course	2 Days	8	CAD01, CAD02, CAD03 & PDM05								
PDM07	6	Certified SolidWorks API Fundamentals of Enterprise PDM Course	1 Day	2	CAD01, CAD02, CAD03, PDM05, PDM06 & VB Experience								

NT Training Courses Quick Reference (Continued Overleaf)

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						CSWA	CSWP	CSWP-SMTL	CSWP-WLDM	CSWP-SURF	SCWP-MTSL	CSWP-FEA	CSWE

TECHNICAL COMMUNICATION Courses

COM01	2	Creating Photorealistic Rendering using SolidWorks & PhotoView 360 Course	1 Day	2	CAD01										
COM02	2	Creating Animations using SolidWorks Course	1 Day	2	CAD01										
VIA01	1	Certified 3D Via Composer Course	3 Days	4	Experience with MS Windows OS										

SIMULATION (FEA) Courses

SIM01	2	Certified SolidWorks Simulation Course	3 Days	4	CAD01									✓	✓
SIM02	3	Certified SolidWorks Simulation Professional Course	1 Day	2	CAD01 & SIM01									✓	✓
SIM02a	2	Certified SolidWorks Simulation and Simulation Professional Packaged Course	4 Days	6	CAD01									✓	✓
SIM03	2	Certified SolidWorks Flow Simulation Course	2 Days	3	CAD01										
SIM03a	3	Certified SolidWorks Flow Simulation Electronics Cooling Course	½ Day	1	CAD01 & SIM3										
SIM03b	3	Certified SolidWorks Flow Simulation HVAC Simulation Course	½ Day	1	CAD01 & SIM3										
SIM04	3	Certified SolidWorks Motion Simulation Course	2 Days	3	CAD01 & Knowledge of SW Motion Manager										
SIM05	3	Certified SolidWorks Simulation Premium Non-Linear Analysis Course	2 Days	3	CAD01 & SIM01										
SIM06	3	Certified SolidWorks Simulation Premium Dynamic Analysis Course	2 Days	3	CAD01 & SIM01										
SIM07	3	Certified SolidWorks Simulation Premium Composite Analysis Course	½ Day	1	CAD01 & SIM01										

COMPUTER AIDED MACHINING (CAMWorks)

CAM01	3	Certified CAMWorks Essentials	3 Days	4	CAD01, CNC Programming										
CAM02	4	Certified CAMWorks Advanced Multi-Axis Machining Course	2 Days	3	CAD01 & CAM01										

DESIGN AUTOMATION (DriveWorks)

DRV01	3	Certified DriveWorks Administrator Essentials Course	3 Days	12	CAD01, CAD12										
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