

Education Road Map



Product Lifecycle
Management Solutions

The Engineering Path



Machinery, Fixture,
Packaging Design Product Engineer Industrial Engineer Mold Design Electrical Wiring,
Piping Layouts CAD Power User Design Analyst

Computer Aided Design

CAD105 Intro to SW	1*	1*	1*	1*	1*	1*	1*
CAD110 SW Essentials	1*	1*	1*	1*	1*	1*	1*
CAD200 SW Admin							
CAD205 SW Drawings	2			2		2	
CAD210 SW Adv. Prt. Modeling		2	2	3		3	
CAD215 SW Adv. Asm. Modeling	3		4	4	2	4	
CAD305 SW Sheet Metal	4					5	
CAD310 SW Weldments	5					6	
CAD315 SW Routing					3	9	
CAD320 SW for Mold Design				6		8	
CAD325 SW Adv. Surface Modeling		3	3	5		7	
CAD330 SW API Fundamentals						13	

Computer Aided Engineering

CAE205 SW Simulation	8	6					2
CAE305 SW Motion	9	7					3
CAE405 SW Simulation Pro							4
CAE410 SW Flow Simulation							5
CAE505 SW Sim Premium: Nonlinear							6
CAE510 SW Sim Premium: Dynamic							7

Collaboration

COL105 3DVIA Composer Essentials							
COL205 3DVIA Composer Advanced							

Product Data Management

PDM105 SW File Management	6	4	5	7	4	10	
PDM110 SW Workgroup PDM Contributor							
PDM115 SW Workgroup PDM CAD Editor	7	5	6	8	5	11	
PDM205 SW Workgroup PDM Administrator						12	
PDM210 SW Enterprise PDM Contributor							
PDM215 SW Enterprise PDM CAD Editor	7**	5**		8**	5**	11**	
PDM305 SW Enterprise PDM Administrator						12**	

*Choose either onsite or online course

**Alternate data management course depending on your companies data management program

About Our Education

We offer a comprehensive range of beginning, advanced and design specialty SolidWorks courses at any of our ten authorized education centers. Course material is provided by FISHER/UNITECH. All SolidWorks courses are instructed by our knowledgeable and experienced applications engineers. Simulation courses are instructed by Certified SolidWorks Instructors.

Please visit www.funtech.com for a complete listing of all available courses, dates and locations.

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Grand Rapids, MI
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Milwaukee, WI
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Visit www.funtech.com for address and map of location for each office.



Non-Engineering Paths and Certification



Computer Aided Design

	CAD Admin. (IT)	Engineering Manager	Documentation, Marketing, Illustration	CSWA ***	CSWP***	CSWPSMTL ***	CSWPCDES***
CAD105 Intro to SW	1*	1*	1*	1*	1*	1*	1*
CAD110 SW Essentials	1*	1*	1*	1*	1*	1*	1*
CAD200 SW Admin	2						
CAD205 SW Drawings			2	2	2	2	2
CAD210 SW Adv. Prt. Modeling				3	3	3	3
CAD215 SW Adv. Asm. Modeling			3	4	4	4	4
CAD305 SW Sheet Metal						5	5
CAD310 SW Weldments							
CAD315 SW Routing							
CAD320 SW for Mold Design							
CAD325 SW Adv. Surface Modeling							
CAD330 SW API Fundamentals							

Computer Aided Engineering

CAE205 SW Simulation							6
CAE305 SWMotion							7
CAE405 SW Simulation Pro							
CAE410 SW Flow Simulation							
CAE505 SW Sim Premium: Nonlinear							
CAE510 SW Sim Premium: Dynamic							

Collaboration

COL105 3DVIA Composer Essentials			5				
COL205 3DVIA Composer Advanced			6				

Product Data Management

PDM105 SW File Management	3						
PDM110 SW Workgroup PDM Contributor	4	2					
PDM115 SW Workgroup PDM CAD Editor		3					
PDM205 SW Workgroup PDM Administrator	5						
PDM210 SW Enterprise PDM Contributor	4**						
PDM215 SW Enterprise PDM CAD Editor		3**					
PDM305 SW Enterprise PDM Administrator	5**						

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***CSWA (Certified SW Associate); CSWP (Certified SW Professional); CSWPSMTL (Certified SW Professional Sheet Metal Specialist); CSWPCDES (Certified SW Professional Simulation Specialist.)

