

# IME CAD/CAM TRAINING COURSE 2017 SCHEDULE

## Petaling Jaya

(Date change without prior notice)

Update as at 3-02-2017

PROGRAMME TITLE	CODE	J-Duration	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>SOLIDWORKS</b>											
<b>3D Modeling</b>											
Upgrade	S-UPG		1	18	15	13	17	14	19	16	21
Essentials	S-ESS	4 days+2days	5	2-5 & 8	5-9	3-7	31-4	4-8	9-13	30,31-3	4-8
Essentials (Weekend)	S-ESS(WE)		5								
Advanced Part Modeling	S-APM	2 days	3	9,11 & 12	12-14	10-12	7-9	11-13	16-17 & 19	6-8	11-13
Assembly Modeling	S-AAM	2 days	3	15-17	19-21	17-19	14-16	18-20	23-25	13-15	18-19
Surface Modeling	S-SUR	2 days	3	22-24	-	-	21-23	-	-	20-22	-
<b>Industrial Base training</b>											
Sheet Metal Design	S-SMT	2 days	2	-	-	24-25	-	-	26-27	-	-
Weldments (structural design)	S-WMT	1 day	1	25	-	-	24	-	-	23	-
Productivity Tools	S-CPR		2	Upon Request/To Be Advised							
Routing - Piping and Tubing	S-ROU-P	2 days	2	Upon Request/To Be Advised							
Routing - Electrical	S-ROU-E	2 days	2	Upon Request/To Be Advised							
GD&T in SOLIDWORKS	S-GDT	2 days	1	Upon Request/To Be Advised							
Jigs & Fixtures Design in SOLIDWORKS	S-JIF		2	Upon Request/To Be Advised							
Mold Design	S-MOD		3	Upon Request/To Be Advised							
<b>Design Validation</b>											
Simulation (Basic)	SIM-BSC	3 days	3	15-17	-	10-12	-	11-13	-	6-8	-
Simulation Professional	SIM-PRO	2 days	2	Upon Request/To Be Advised							
Simulation Premium: Non-Linear	SIM-NLN	2 days	2	Upon Request/To Be Advised							
Simulation Premium: Dynamic	SIM-DYN	2 days	2	Upon Request/To Be Advised							
Simulation Motion	SIM-MOT	2 days	2	Upon Request/To Be Advised							
Flow Simulation	SIM-FLO	2 days	2	29-30	-	-	21-22	-	-	13-14	-
Plastic Standard	S-PLS PRO		1								
Plastic Professional	S-PLS PREMIUM		2		28-30			25-27			27-29
Plastic Premium	S-PLS ADV		3								
<b>Electrical Design</b>											
SOLIDWORKS Electrical : Schematic	S-E-SCH		2	Upon Request/To Be Advised							
SOLIDWORKS Electrical : 3D	S-E-3D		1	Upon Request/To Be Advised							
<b>Data Management</b>											
Administering SOLIDWORKS PDM	PDM-ADM		2	Upon Request/To Be Advised							
Using SOLIDWORKS PDM	PDM-USE		1	Upon Request/To Be Advised							
API Fundamentals of SolidWorks Enterprise PDM	PDM-API		2	Upon Request/To Be Advised							
SOLIDWORKS File Management	S-FMT		1	Upon Request/To Be Advised							
<b>Technical Documentation &amp; presentation</b>											
SOLIDWORKS Composer	S-Composer		3	Upon Request/To Be Advised							
SOLIDWORKS and Photoview 360	S-PRR		2	Upon Request/To Be Advised							
SOLIDWORKS Animations	S-ANI		2	Upon Request/To Be Advised							
SOLIDWORKS Visualize Standard			1	Upon Request/To Be Advised							
SOLIDWORKS Visualize Professional			1	Upon Request/To Be Advised							
<b>2D Drawing</b>											
Draftsight - 2D Drafting	DRF-2D		2	Upon Request/To Be Advised							
SOLIDWORKS Drawings	S-DRW		2	Upon Request/To Be Advised							
<b>Professional Certification</b>											
CSWP Refresher / CSWA / CSWP Exam	CSWP-R/E			Upon Request/To Be Advised							



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<b>Mastercam</b>										
Mill (Basic)	M-2D	3	2-4	5-7	3-5	31-2	4-6	2-4	30,31, & 1	4-6
Mill (Advanced)	M-3D	3	22-24	26-28	24-26	14-16	25-27	23-25	27-29	18-20
Lathe	M-LAT	2	-	29-30	-	21-22	-	26-27	-	21-22
Wire	M-WIR	2	-	-	-	-	-	-	-	-
Multi-Axis	M-MTA	3	Upon Request/To Be Advised							
Mastercam for SolidWorks	MCFSW	4	Upon Request/To Be Advised							
Solid	M-SOL	1	Upon Request/To Be Advised							
Art	M-ART		Upon Request/To Be Advised							
Practical On CNC	-	2	Upon Request/To Be Advised							
Mastercam Certification		3 Hours	Upon Request/To Be Advised							

PROGRAMME TITLE	CODE	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>3D Quick Tools</b>										
3D Quick Press	S-3DQP	4	Upon Request/To Be Advised							
3D Quick Mould	S-3DQM	3	Upon Request/To Be Advised							
3D Quick Form	S-3DQF	1	Upon Request/To Be Advised							

PROGRAMME TITLE	CODE	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Industry Course</b>										
Finite Elements Analysis (FEA)	G-FEA	2	29-30	-	26-27	-	28-29	-	27-28	-
Geometric Dimensioning & Tolerancing	G-GDT(DM)	3	-	-	18-20	-	-	-	21-23	-
Jigs & Fixtures Design	G-JIF	3	-	-	-	22-24	-	-	-	-
Stack-Up Analysis		3	23-25	13-15	-	-	12-14	-	-	-
Industrial Design		3	-	-	-	-	-	10-12	-	-
Introduction to Sheet Metal Formability	G-SMF	2	Upon Request/To Be Advised							

**Johor Bahru Branch**

*Update as at 3-02-2017*

PROGRAMME TITLE	CODE	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>SOLIDWORKS</b>										
<b>Fundamental</b>										
Essentials	S-ESS	5	8-12	5-9	3-7	7-11	4-8	23-27	6-10	4-8
<b>Advanced</b>										
Sheet Metal	S-SMT	2	-	-	-	-	14-15	-	22-23	-
Advanced Part Modeling	S-APM	3	22-24	-	24-26	16-18	25-27	-	15-17	-
Assembly Modeling	S-AM	3	8-10	12-14	-	23-25	18-20	4-6	-	27-29
Surface Modeling	S-SUR	3	3-5	-	-	28-30	-	-	27-29	-
GD&T in SolidWorks	S-GDT	2 days	-	-	-	14-16	-	-	-	19-20
Jigs & Fixtures Design in SolidWorks	S-JIF	2	15-16	-	-	2-3	-	-	1-2	-
Cad Productivity Tool	S-CPR	2	-	21-22	12-13	-	-	-	-	14-15
Weldments	S-WMT	1	16	-	-	4	12	-	20	-
Administering SolidWorks Enterprise PDM	PDM-ADM	2	Upon Request/To Be Advised							
Flow Simulation	SIM-FLO	2	Upon Request/To Be Advised							
Motion Simulation	SIM-MOT	2	Upon Request/To Be Advised							
Simulation Professional	SIM-PRO	2	Upon Request/To Be Advised							
Simulation (Basic)	SIM-BSC	3	17-19	-	17-19	21-23	27-29	-	-	19-21
Upgrade	S-UPG	1	25	15	-	-	-	-	24	-
PROGRAMME TITLE	CODE	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Industry Course</b>										
3D Progressive Die Design	S-3DQP	3	Upon Request/To Be Advised							
3D Mould Design	S-3DQM	3	Upon Request/To Be Advised							
Geometric Dimensioning & Tolerancing	G-GDT(DM)	3	Upon Request/To Be Advised							
TRIZ (JB)		2	10-11				23-24			
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<b>Mastercam</b>										
Mill (Basic)	M-2D	3	2-4	5-7	19-21	2-4	13-15	16-18	13-17	5-7
Mill (Advanced)	M-3D	3	-	19-21	-	28-30	19-21	23-25	-	11-13
Mill 4 Axis	M-MTA	3	-	-	-	-	-	-	-	-
Lathe	M-LAT	2	29-30	-	27-28	-	28-29	-	20-21	-
Wire	M-WIR	2	Upon Request/To Be Advised							

## Penang Branch

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PROGRAMME TITLE	CODE	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>SolidWorks</b>										
<b>What's New</b>										
<b>Fundamental</b>										
Essentials	S-ESS	,	3-5,11-12	7-9,15-16	3-5,13-14	2-4,10-11	7-8,11-13	15-17,25-26	1-3,9-10	4-6,14-15
<b>Advanced</b>										
Advanced Part Modeling	S-APM	3	15-17	-	10-12	-	4-6	-	6-8	-
Advanced Assembly Modeling	S-AAM	3	22-24	-	17-19	-	-	-	13-15	-
Advanced Surface Modeling	S-SUR	3	-	19-21	-	7-9	-	22-24	-	11-13
Sheet Metal	S-SMT	2	-	13-14	-	14-15	-	29-30	-	21-22
<b>Simulation</b>										
SOLIDWORKS Simulation Bsic	SIM	3	22-24	-	17-19	-	18-20	-	13-15	-
PROGRAMME TITLE	CODE	Duration (Day)	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Mastercam</b>										
Mill (Basic)	M-2D	3	3-5	7-9	3-5	7-9	6-8	15-17	1-3	4-6
Mill (Advanced)	M-3D	3	15-17	14-16	10-12	14-16	11-13	22-24	6-8	11-13
Turn Mill	Turn Mill	4	-	19-22	-	-	25-28	-	-	18-21
Multi Axis	M.Axis	3	-	-	24-26	-	-	29-31	-	-