

# IME CAD/CAM TRAINING COURSE 2023 SCHEDULE

## Petaling Jaya

(Date change without prior notice)

Update as at 26th July 2022

\*\*Weekend class available upon request

PROGRAMME TITLE	CODE	Duration	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>SOLIDWORKS</b>														
<b>3D Modeling</b>														
SOLIDWORKS Upgrade	S-UPG	1 day	20	16	16	13	25	22	17	23	21	12	16	15
SOLIDWORKS Essentials	S-ESS	5 days	3-6	6-10	6-10	3-4	8-12	12-16	3-7	7-11	4-8	2-6	6-10	4-8
SOLIDWORKS Advanced Topics	S-ADVT	5 days	9-13	20-24	20-24	10-14	15-19	19-23	10-14	14-18	11-15	16-20	20-24	18-22
SOLIDWORKS Advanced Part Modeling	S-APM	3 days	16-18	-	13-15	-	22-24	-	17,18 & 20	-	18-20	-	13-15	-
SOLIDWORKS Assembly Modeling	S-AAM	3 days	-	13-15	-	17-19	-	-	-	21-23	-	9-11	-	-
SOLIDWORKS Surface Modeling	S-SUR	3 days	-	-	27-29	-	-	-	-	-	25-27	-	-	-
<b>Design Validation</b>														
SOLIDWORKS Simulation	SIM-BSC	3 days	9-11	13-15	13-15	10-12	15-17	19-21	10-12	14-16	11-13	9-11	13-15	13-15
SOLIDWORKS Flow Simulation	SIM-FLO	2 days	-	23-24		17-18		26-27		24-25		16-17		20-21
<b>CAM</b>														
SOLIDWORKS CAM STANDARD ESSENTIAL	S-CAM	2 days	16-17		13-14		22-23		24-25		18-19		27-28	-
<b>2D Drawing</b>														
Draftsight - 2D Drafting	DRF-2D	2 days	16-18	13-15	27-29	17-19	22-24	26-28	24-26	21-23	18-20	23-25	27-29	12-14
SOLIDWORKS Drawings	S-DRW	2 days	Upon Request/To Be Advised											
<b>Professional Certification</b>														
CSWP Refresher CSWP	CSWP-R	1 day	19		17		26		20		14		23	
CSWP Exam	CSWP-E	3H 20 M	31		30		31		27		26		29	
<b>TRAINING UPON REQUEST</b>														
<b>Industrial Base training</b>														
SOLIDWORKS Sheet Metal	S-SMT	2 days	Upon Request/To Be Advised											
SOLIDWORKS Weldments	S-WMT	1 day	Upon Request/To Be Advised											
SOLIDWORKS Mold Design	S-MOD	3 days	Upon Request/To Be Advised											
SOLIDWORKS Routing - Piping and Tubing	S-ROU-P	2 days	Upon Request/To Be Advised											
SOLIDWORKS Productivity Tools	S-CPR	2 days	Upon Request/To Be Advised											
SOLIDWORKS Routing - Electrical	S-ROU-E	2 days	Upon Request/To Be Advised											



Mastercam Mill (Advanced)	M-3D	3 days	16-18	20-22	13-15	10-12	15-17	19-21	10-12	21-22	18-20	16-18	13-15	18-20
Mill (Advanced) - Weekend	M-3D (WE)	3 Days												
Mastercam Lathe	M-LAT	2 days	30-31		20-21		22-23		24-25		25-26		20-21	
Mastercam Wire	M-WIR	2 days	7-9 Upon Request/To Be Advised											
Mastercam Multi-Axis	M-MTA	3 days	Upon Request/To Be Advised											
Mastercam for SolidWorks	MCFSW	2 days	Upon Request/To Be Advised											
Mastercam for SolidWorks 3D	MCFSW-3	2 days	Upon Request/To Be Advised											
Mastercam for SolidWorks Multi Axis	MCFSW-M	3 days	Upon Request/To Be Advised											
Mastercam for SolidWorks Lathe	MCFSW-L	2 days	Upon Request/To Be Advised											
Mastercam Router 3D	M-ROU	3 days	Upon Request/To Be Advised											
Mastercam Router 5 Axis	M-ROU 5	3 days	Upon Request/To Be Advised											
Mastercam Solid	M-SOL	2 days	Upon Request/To Be Advised											
Mastercam Turn Mill 2D	M-TURN 2	5 days	Upon Request/To Be Advised											
Mastercam Turn Mill 3D	M-TURN 3	8 days	Upon Request/To Be Advised											
Renishaw Productivity	-	2 days	Upon Request/To Be Advised											
Art	M-ART	1 day	Upon Request/To Be Advised											
Practical On CNC	-		Upon Request/To Be Advised											
Mastercam Certification	M-CERT	3 H	Upon Request/To Be Advised											

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### 3D Quick Tools

3D Quick Press	S-3DQP	4 days	Upon Request/To Be Advised											
3D Quick Mould	S-3DQM	3 days	Upon Request/To Be Advised											
3D Quick Form	S-3DQF	1 day	Upon Request/To Be Advised											

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### Industry Course

Finite Elements Analysis (FEA)	G-FEA	2 days	Upon Request/To Be Advised											
Geometric Dimensioning & Tolerancing	G-GDT(DI)	3 days	-	20-22		26-28		26-28		28-30		23-25		27-29
Jigs & Fixtures Design	G-JIF	3 days	Upon Request/To Be Advised											
Stack-Up Analysis	IBC-03	3 days	Upon Request/To Be Advised											
Industrial Design	IBC-04	3 days	Upon Request/To Be Advised											

MyTRIZ Level 1	TRIZ	2 days	-	-	27-28	-	-	-	26-27	-	-	-	-	-
Introduction to Sheet Metal Formability	G-SMF	2 days	Upon Request/To Be Advised											

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<b>Industry 4.0</b>														
Industry 4.0 Technical Fundamental and Readines	Ind4	2 days	Open for In-House/Date Arrange Upon Request											
Operation Technology- Sensor communication	Ind4-trai	3 days	Open for In-House/Date Arrange Upon Request											
Information Technology-Database	-	3 days	Open for In-House/Date Arrange Upon Request											
RFID Technology toward Industry 4.0 Implementat	-	2 days	Open for In-House/Date Arrange Upon Request											
3DP   From Zero to Hero	-	3 days	Open for In-House/Date Arrange Upon Request											
Design for Additive Manufacturing (DfAM)	-	3 days	Open for In-House/Date Arrange Upon Request											

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<b>**Operation Excellent</b>														
KAIZEN Principle and Implementation	-	2 days	Open for In-House/Date Arrange Upon Request											
Quality Control Circle QCC	-	2 days	Open for In-House/Date Arrange Upon Request											
Quality Concept and Management	-	2 days	Open for In-House/Date Arrange Upon Request											
Total Quality Management	-	2 days	Open for In-House/Date Arrange Upon Request											
Zero Defect through Poka Yoke	-	2 days	Open for In-House/Date Arrange Upon Request											

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<b>Management System Standard</b>														
ISO 9001 2015 Awareness	-	1 day	Open for In-House/Date Arrange Upon Request											
ISO 9001 2015 Awareness & Implementation	-	2 days	Open for In-House/Date Arrange Upon Request											
ISO 14001 2015 Awareness	-	1 day	Open for In-House/Date Arrange Upon Request											
ISO 14001 2015 Awareness & Implementation	-	2 days	Open for In-House/Date Arrange Upon Request											
ISO 45001 2018 Awareness & Implementation	-	2 days	Open for In-House/Date Arrange Upon Request											
ISO Management System Internal Auditing	-	2 days	Open for In-House/Date Arrange Upon Request											

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<b>Quality &amp; Process Improvement</b>														

<b>5S Principles and Implementation</b>	-	2 days	Open for In-House/Date Arrange Upon Request
<b>7 QC Tools in Problem Solving</b>	-	2 days	Open for In-House/Date Arrange Upon Request
<b>8D Problem Solving Methodology</b>	-	2 days	Open for In-House/Date Arrange Upon Request
<b>Poka Yoke (Mistake Proofing Methodology)</b>	-	2 days	Open for In-House/Date Arrange Upon Request
<b>Process FMEA (AIAG 4th edition)</b>	-	2 days	Open for In-House/Date Arrange Upon Request
<b>Root Cause Analysis in Problem solving</b>	-	2 days	Open for In-House/Date Arrange Upon Request
<b>Statistical Process Control (SPC)</b>	-	2 days	Open for In-House/Date Arrange Upon Request