



3D PRINTING CERTIFICATION TRAINING

Additive manufacturing, also known as 3D printing, is listed as a key component in making industrial 4.0 a reality. With additive manufacturing technology, idea can be reality faster, more flexibly and less prototype construction.

MATA 3D Printing Certification Training offer members the opportunity to understand current additive manufacturing technology and practically learn how to apply into current design process through these 2 days theory and 2 days hands-on workshop.



*First come
First serve basis,
limited seat available.*

COURSE OBJECTIVE

- Up skill with one of the key criteria in industrial 4.0; 3D printing.
- Enhance the effectiveness in prototyping creation for early stage design checking.
- Able to handle 2 types of 3D printing technology; FDM and Polyjet, and apply in work.

COURSE STRUCTURE

Duration: 4 days

Training date (*choose either 1 class below*):

1st class October 2017

- 10th – 13th Oct'17
- 23rd – 27th Oct'17

2nd class November 2017

- 03rd, 04th, 10th & 11th Nov'17

WHO SHOULD ATTEND

Engineer
Draftsman
Designer
Technician
Maker

Wisma FMM, No. 3,
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52200 Kuala Lumpur

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COURSE CONTENTS

3D PRINTING TECHNOLOGY AND SOFTWARE

This course is to help you to understand advantages of 3D printing by comparison to other technologies, both ancient and modern. Participants also learn how various 3D printing technologies compare in terms of applications, advantages, relative precision and material use.

- Understand the advantages of 3D printing.
- Understand types of technologies in the market and its application.
- Able to operate web base CAD software for printing preparation.

WORKSHOP: FDM 3D PRINTER

Step by step to print a 3D model base and post process 3D printed part using FDM technology.

- Manage to self-operate a FDM 3D printer
- Able to select understand 3D printing material behavior and selection.
- Learn 3D printing considerations for dynamic surfaces, like tolerance and support material removal.

WORKSHOP: 3D PRINTING WITH POLYJET

Step by step to print a 3D model base and post process 3D printed part using Polyjet technology

- Manage to self-operate a Polyjet 3D printer
- Learn what nesting is and how it impacts the 3D printing process.

AWARD OF CERTIFICATION

Participants are required to meet the 80% course attendance requirement to qualify to sit for GrabCAD certification.

