



AUTOCAD (3D DRAWING & MODELING)

METHODOLOGY

- Screen Projection
- Lecturing
- Practical
- Workshop

WHO SHOULD ATTEND

The courses are applicable for all working adults.

Pre-requisite:

- How to create and edit basic AutoCAD objects.
- How to work with layouts.
- Good working skill level in using recent version of AutoCAD.

SPECIAL FACILITIES

- LCD Projector
- Personal Computer
- AutoCAD Program

DURATION

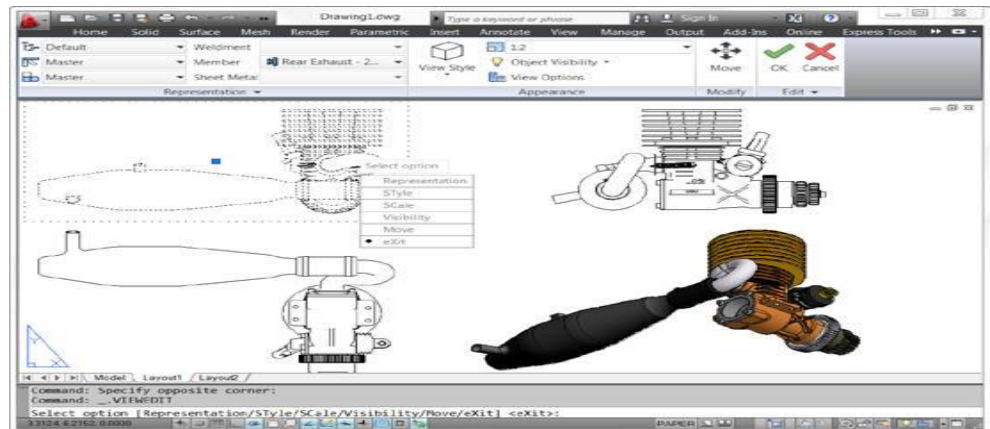
- 3 Days

COURSE FEE

- RM1950.00

Course fee is inclusive of GST @ 6%

SBL Scheme Claimable
(Subject to HRDF approval)



INTRODUCTION

AutoCAD 3D Drawing and Modeling introduces students who are proficient with the 2D commands in the AutoCAD® software to the concepts and methods of 3D modeling. The training guide provides a thorough grounding in the fundamentals of 3D and explores the main features of the advanced 3D Modeling workspace in the AutoCAD software.

OBJECTIVE

After completing this course, students will be able to:

- Represent a design by creating solid primitives, solid or surface models from cross-sectional geometry, or composite models from multiple solid models.
- Complete a solid model design by adding the necessary features to detail, duplicate, and position 3D models.
- Convert 2D objects to 3D objects.
- Document a 3D design by creating 2D drawings for production and visualization.

COURSE CONTENTS

- Chapter 1 – 3D Foundations
- Chapter 2 – Simple Solid
- Chapter 3 – Creating Solid & Surfaces from 2D objects
- Chapter 4 – Modifying in 3D Space
- Chapter 5 – Advanced Solid Editing
- Chapter 6 – Additional Editing Tools
- Chapter 7 – Refining the View
- Chapter 8 – Visualization
- Chapter 9 – Working Drawing from 3D Models
- Chapter 10 – Working with the User Coordinate System

ABOUT SAINS

Pusat Latihan Teknologi Maklumat Sarawak (SAINS) was established in 1993, in response to the increasing demand for IT training in Malaysia. The Centre is a certified training provider approved by the Ministry of Education as well as Pembangunan Sumber Manusia Berhad (PSMB). Corporates choosing to send their employees to our Centre can use the Human Resource Development Fund (HRDF) to pay for employee training. **SAINS won the Human Resources Development Fund Award 2013** in the Training Provider category.

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