



CAD-IT CONSULTANTS (ASIA) PTE LTD TRAINING COURSES

COURSE NAME : ANSYS Workbench – Designmodeler

DURATION : 2 x 8hrs sessions

* Creditable for QUT Master program and Continuing Development (CPD) courses offered by the Professional Engineers Board (PEB) Singapore.

OBJECTIVES

The objectives of the course are to be able to

- Create and modify geometry in preparation for analysis
- Generate 2D sketches and convert them into 2D or 3D models
- Modify 2D and 3D geometry
- Import existing CAD geometry
- Create line models for use in beam analyses
- Create surface models for use in shell analyses
- Model assemblies
- Utilise parameters
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WHO SHOULD ATTEND

This course is designed for who wish to create and modify geometry for use in ANSYS or ANSYS Workbench. Each chapter is followed by hands on workshops and exercises.

PRE-REQUISITES

Engineering knowledge is required, familiarity with computer (PC or workstation) and knowledge of finite element theory is useful although it is not essential.

COURSE SYLLABUS

- Graphical User Interface (GUI)
- Sketch Mode
- 3D Geometry
- Advanced 3D Geometry
- Concept Modelling
- Parametric Modelling
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Each course chapter is followed by "hands-on" workshops and exercises.