

FINITE ELEMENT ANALYSIS WITH CAE (BEGINNER)



COURSE OVERVIEW

This course is designed to provide participants with the fundamental knowledge in plastic materials and ways of processing plastics. Characteristics of major plastic materials are explained with theoretical approach. Common plastic processing techniques in manufacturing are explained for example injection moulding, extrusion, blow moulding. This will provide further understanding of plastic applications available in the industry.

COURSE OBJECTIVES

At the completion of this course, participants will be able to :

- Develop an understanding of how to apply the tools in FE software to the CAE analysis process
- Import/Export CAD data
- Apply the tools to prepare the geometry for meshing
- Post processing analysis results using both Pre-processor and Post-processor

THE UNIQUENESS OF THIS COURSE

- The training approach is different to attract class participation during lectures.
- Experienced trainers in the field of analysis on 3D data.

WHO SHOULD ATTEND

This course is designed to those who are related to product analysis.

Target Group: Product designers, Design engineers & Analysis engineers.

KEY TOPICS

- Introduction to FE modeling
- Method of Modeling
- Introduction Analysis Domain
- Analysis Domain
- Result Visualization

METHODOLOGY

Consist of theory contents, lessons delivery is via lectures, practical using analysis software.

COURSE DURATION

3 Days

PRE-REQUISITE

Minimum have completed SPM/SPMV

CERTIFICATION

Certificate of attendance will be issued to those who successfully completed attendance 80% at the course.

For further details, please contact:

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