

● CAE COURSE

CAE-101 MASTER'S DIPLOMA IN CAE MODELER

OBJECTIVE: To understand the simulation performance in order to improve product designs.

DURATION - 45 DAYS

- GUI, Mouse buttons, User profile
- Entities selection methods & Short cut keys
- Simple Geometry Creation
- Geometry Clean-up, De-featuring methods
- Mid-surface Extraction (Sheet metal & plastic Components)
- Sheet Metal/ BIW component Meshing
- Plastic Component Meshing
- Casting components and Brick Meshing
- Connectors and 1D Meshing & Welding methods
- Batch Meshing and Process Manager Concepts
- 1D, 2D & 3D Element Qualities
- Basic Morphing concepts
- Types of Contacts creation and selections methods (assembly level)
- Introduction to Analysis basic, Solver selections
- Materials, properties, load entity collectors
- Linear static Analysis (point force, pressure & Moment loads)
- Final Project (Industrial)

