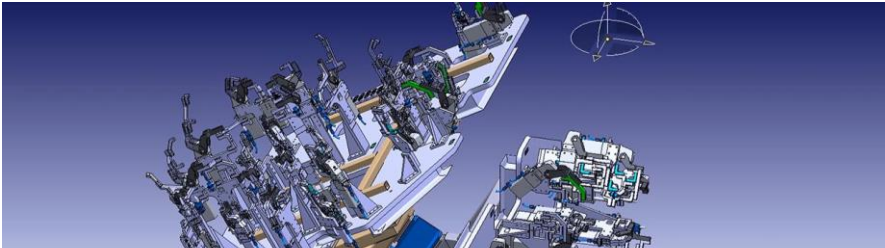


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# DESIGN & ENGINEERING TRAINING

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## Training Description

Our FIDES *FastTrack* covers both fundamental and advanced topics for individuals new to or with prior FIDES experience.

(FIDES is a 3D-CAD program which has been developed by FORD Motor Company and is mainly used for fixture design.)

## Structure & Scope

The course will be held in an office/computer lab setting by an instructor with certified and current knowledge and expertise. The training will provide the participants with the necessary knowledge they need in the workplace.

## Summary

- Introduction of 3D-modeling in FIDES
- Data exchange (Data I/O) to read existing CAD-parts and to export data into different formats
- Construction of a fixture (e.g. by using standard parts)
- Creation of drawings and bill of materials
- Definition of weld guns by standard elements
- Import of weld points and definition of weld paths
- Creation of kinematic studies – connection with fixture elements
- System parameters
- Concurrent Engineering with a fixture example
- Definition of locators

## Prerequisites

Basic experience using computers and/or prior CAD experience

## Course



## Benefits of IET Training

- Small classroom setting
- Frequent feedback
- Industry expertise
- Immediate application
- Substantial ROI

## Cost

\$1,900

2-3 students/referrals = 10% Discount

4 or more students/referrals = 15% Discount

## Duration & Location

- 2-4 weeks (as needed)
- Mon-Fri
- 9am-1pm or 1pm-5pm (min. 4 hrs./day)
- IET office (address below)

## Registration

**By phone:** (248) 548-4201 Ext. 105

**Email:** [dkovacs@i-e-t.net](mailto:dkovacs@i-e-t.net)

**Office:**

32031 Howard Avenue  
Madison Heights, MI 48071