



## SDF Grant

Employers who sponsor their employees who are Singapore Citizens or Permanent Residents may apply for SDF grant. The grant will be disbursed upon completion of the training.

The grant level is:

- 80% of course fees; or
- \$8.00 per training hour, whichever is lower

Visit [www.sdf.gov.sg](http://www.sdf.gov.sg) for more information.

## Registration & Payment

- Walk-in at the Customer Service Centres
- Apply online at [www.ite.edu.sg/cet/sc/online.htm](http://www.ite.edu.sg/cet/sc/online.htm)
- Post the application form to us

Payment is required for confirmation of place. Crossed cheques should be made payable to 'Institute of Technical Education. At the back of the cheque, please write your name, NRIC/FIN, course title and contact number.

Closing date: 1 month before course start date or when the class is full.

## Withdrawal & Deferment

Withdrawal or deferment notice must be made in **writing**:

- 2 weeks or more before course start date - Full refund
- Less than 2 weeks before course start date - 50% refund
- On or after course start date - No refund

In the event that the course is cancelled due to unforeseen circumstances, full refund will be given.

# SOLID MODELLING – UNIGRAPHICS NX

## Objective

This course provides participants with the skills to upgrade from 2D design to 3D design competency through adopting the basics of product model design and detailing. It is designed to meet the transition needs to use Unigraphics NX software. Practical applications of solid modeling will be based on the underlying principles incorporated within the NX software.

## Who Should Attend

Draftsman, Designers, CAD/CAM specialists, Machinists and Engineers.

## Entry Requirements

Possess Nitec in Precision Engineering courses or its equivalent.

## Content

- Apply Good Design Practices
- Discuss the overview of 3D Solid Modeling
- Explain the Coordinate Systems & Reference features for designing
- Design with Primitives, Swept and Form Features
- Apply trim body / split body features on the solid model
- Perform editing, duplicating and Boolean operations on CAD exercises
- Discuss the Drafting process and conventions
- Develop solid models and detail drawings
- Perform CAD exercises and project

## Course Details

- Duration : 60 hours
- Total fee : \$805 (inclusive of GST and reg fee)  
\$325 (with SDF grant)
- Schedule : See our website for details or call us for more information