

# Helping you stay ahead.

800.836.5440 www.synergis.com training@synergis.com

#### TRAINING LOCATIONS

Synergis EduCast Virtual Online

**Quakertown** 18 South 5th Street Quakertown, PA 18951



### **Autodesk Inventor Nastran Essentials**

#### **Course Description:**

This course teaches the use of the Autodesk Inventor Nastran FEA analysis tool for predicting the physical behavior of parts or assemblies under various boundary conditions. It covers the full Inventor Nastran environment and its simulation capabilities to set up and conduct FEA analyses on part and assembly models.

### **Prerequisites:**

A working knowledge of Finite Element Analysis (FEA) and the ability to interpret results Completion of Autodesk Inventor Essentials training or equivalent Inventor experience

Length: 2 days

Times: 8:30 AM - 4:30 PM

Request Quote

## **Representative Topics**

- Overview of Inventor Nastran environment and user interface
- Stress analysis workflows
- Part and assembly analyses
- Types of FEM (Finite Element Method)
  elements
- Inventor Nastran file formats
- Shell and beam analyses

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.