

**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

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## 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