

Inventor Dynamic Simulation

1 Day Training Course

Objectives

This course will cover the full functionality of Autodesk Inventor Dynamic Simulation.

Audience

Students must have a thorough working knowledge of Autodesk Inventor and understand engineering design and drafting.

Agenda

- Stress analysis user interface
- An overview of the Dynamic simulation process
- Simulation workflow
- Simulation user interface
- Types of joints & process of creating joints
- Simulating and analyzing
- Redundancy
- Agricultural spring mechanism design
- Rotary compressor design
- Environmental constraints
- Analyzing and interpreting results
- Solving actual design problems using various tools
- Sizing a torque motor for an automated bolt removal tool
- Sizing a jack for a canal bridge
- Sizing double activating jacks for a transporter ramp
- Simulation of racing car piston assembly
- Simulating a sprocket chain

All courses are normally run on the latest software release. The agenda can be varied to suit a clients preferences and requirements. On completion of the course you will be presented with an Autodesk Authorised Completion Certificate. All our courses follow Autodesk approved coursework.

Adam Lewis

CAD Engineer
Bronx Engineering

“The speed of our training course was perfect. It was split in to bitesize chunks so you are able to absorb the information better.”

Locations

Bristol
Derby
Worcester
Pencoed
Leeds

Info

All food, equipment, software & amenities are provided. Please let a staff member know of any food allergies prior to the course.

Contact

E: training@cadspec.co.uk
T: 01905 458000
W: www.cadspec.co.uk