

MECHANICA[®] Advanced Training (2 days)

'In'-Tuition – In-house, Intensive training for Individuals
We come to you to deliver these courses.
You use your own software, we supply the trainer.

Standard Course :- £1950 for 1 person, £2100 for 2 people, £2500 for 3 people.

Contact us for a quote if you have more people or for a customised course.

Content as of 1st Dec. 2014

This course provides an introduction to the functionality available in the Advanced Mechanica licence, with student examples for them. Plus there should also be time for a project; which can be one of your own. Also see our Advanced and Specialist Courses.

- Introduction
- Other Elements
 - Beams, Advanced Masses, Advanced Springs
- 2D Models & Analysis
 - Plane Strain, Plane Stress & Axisymmetric
 - 2D Contact
- Advanced Features
 - Weighted Links
 - Advanced Fasteners
 - Advanced & Composite Materials
- Pre-Stress Analysis
 - Static
 - Modal
- Introduction to Dynamic Vibration
 - Dynamic Frequency
 - Dynamic Time
 - Dynamic Random
 - Dynamic Shock
- Thermal Analysis
 - Thermal Contact Resistance (WF4 on)
 - Transient Thermal Analysis
- Large Deformation Analysis
- Contact with Friction (WF4 on)
- Non-Linear Materials (WF4 on)
- Introduction to Independent Mechanica
- Project

Pre-requisite : Previous Pro/Engineer & Pro/Mechanica experience or training

Note: It may not be possible to get through everything in the time, in which case the most appropriate items will be selected.

*Prices include travel expenses for sites within 100 miles of Northampton, but not VAT. Extra expenses may be charged for other sites.
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