



TEAM Engineering Ltd
Technical Centre
Aspen House
Washingley Road
Huntingdon
Cambridgeshire
PE29 6SR
Tel: 08456 442882
Fax: 08700 117759

TEAM Engineering Ltd
Sales and Admin Office
146 Shottskirk Road
Shotts
Lanarkshire
ML7 4ER

Solution Partner

PLM

SIEMENS

Tel: 08456 442882
Fax: 08700 117759

Training Course Details

Title: Femap Thermal and Flow Analysis

Course Objectives: The Femap Thermal and Flow Analysis course provides students with comprehensive instruction in the use of Femap Thermal and Flow to model heat transfer and 3D fluid flow problems. Students will learn the skills necessary to carry out sophisticated thermal and Computational Fluid Dynamics (CFD) analysis quickly and easily. The course covers both theoretical and practical aspects of how the software handles heat transfer by conduction, convection and radiation and includes a variety of examples and tutorials addressing a wide range of applications.

Who Should Attend? Designers, engineers who use Femap to model heat transfer and fluid flow.

Agenda overview: Meshing for thermal analysis
Meshing for flow analysis
Thermal boundary conditions
Thermal couplings
Radiation to environment
Flow boundary conditions
Convection modeling
Solution attributes
Solving
Post processing
Advanced topics

Duration: 3 days

Software Version Femap 10.1

Prerequisites: Femap 101 course

Deliverables: Student guide
Activity material
Course certificate

Optional activities: