

Core Training Workshops

We have developed several onsite training workshops that from the basic requirements through to successfully analysing your in-progress product designs, using the DFMA software.

The application of the DFMA methodology and software helps emphasise how valuable the DFMA design philosophy is in the design and redesign process. Extensive hands-on application to your own products is a key feature of our workshops.

One-day Core Training Workshop

A one day onsite Training workshop is offered to **new users of the DFMA software** to help them get rapid results -focusing on Design for Assembly (DFA) Product Simplification Software. It is geared towards the novice user who may only have a minimum knowledge of assembly procedures and the DFA methodology. It can also be used as the basis for a refresher workshop for existing users returning to using the DFMA software or when a new version of the DFMA software is released.

Here is a typical agenda:

- Introduction to DFMA.
- DFA questions and the minimum part criteria
- Sample hand calculation of a small assembly.
- Analysis of a small assembly using DFA software
- Review software output
- DFA analysis of the redesigned sample assembly

Optional:

- Overview of the DFA libraries or Overview of the DFM Software

The delegate will develop the following skills in this workshop:

- A functional understanding of the DFA software
- An understanding of the minimum part criteria in DFA
- How to use DFA to simplify product structures, reduce costs & improve product quality.
- How to edit the structure chart
- A clear understanding of the different handling and insertion difficulties
- A clear understanding of part symmetries and how they affect DFA times
- How to review the different charts and reports available in the software
- How to compare and contrast different ideas for product simplification.

One day DFMA 'Core Training' Workshops are conducted onsite at your location or nearby, for a group of up to three persons.

Two-day Core Training Workshop

The two-day DFMA training class is designed to introduce and use the full suite of DFMA software tools. The focus on the first day is the DFA methodology and software tool (see previous page). The second of the two days explores the different DFM Product Costing software topics and the integration of DFM with DFA.

Here is the typical agenda for the second day of DFMA core training:

- Introduction to DFM software.
- DFM software example(s)
- Using the Geometry Calculator and or,
- Using CAD with DFM software
- Investigation of the DFM Software libraries.
- Sample analyses
- A review of the charting and reporting options available in the software
- How DFM and DFA work together to develop "total cost".

As a result of this class, the user will have developed the following skills:

- A functional understanding of the DFM software package
- How to perform a DFM analysis.
- How to use CAD with DFM software.
- How DFM and DFA work together.
- An understanding of the piece part and tooling costs generated by the software.
- How to preview the various charts available in the software
- How to print the various reports that the software generates.
- How the Material, Operation and Machine libraries work and how to edit them

Two day DFMA 'Core Training' Workshops are conducted onsite at your location for groups up to twelve (12).

Additional, consecutive days may be scheduled to consider such objectives as additional topics, to increase scope of analysis (such as for larger products or assemblies), for more complex products, supplier involvement, or to provide additional workshop facilitation or where there are more than 15 persons attending.

Contact Us

Our contact details are below. We welcome the opportunity to discuss your training requirements and to provide our recommendation on suitable workshops and agendas: