

V7 Training Classes

Information

Upcoming Training Sessions

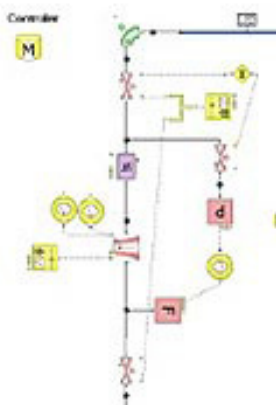
(see the Flowmaster website for the latest dates)

Scheduled locations include:

Chicago, IL

Detroit, MI

Houston, TX



Flowmaster V7 Training

Flowmaster training courses are structured in a way that allows the key concepts to be discussed in a logical and orderly sequence. The courses provide maximum 'hands-on' sessions while addressing the mechanics of the Flowmaster V7 software. Relevant fluid flow concepts and theories are introduced where appropriate throughout the courses.

Trainees are encouraged to ask questions and relate their own modeling experiences and concerns.

V7 New User Training

This comprehensive two-day training course is key to becoming a successful engineer in the shortest amount of time. This course will provide extensive hands-on experience for steady state and transient analysis in Flowmaster V7.

Topics covered:

- Steady State and Transient Examples
- Graphical User Interface Features
- Advanced GUI Capabilities
- Catalogue Customization
- Additional Features

Heat Transfer and Compressible Flow Training

This one-day course is a specialized heat transfer and compressible flow training course. Heat transfer combined training focuses on theory and components. Several thermal management models are studied.

The second half of the course, compressible flow training, is aimed at engineers who have some experience in the design of gas systems and have a need to use Flowmaster as an analysis tool to predict system behavior. Theory and compressible Flowmaster components are also studied in detail.

Topics covered:

- Steady State and Transient Heat Transfer
- Steady State and Transient Compressible Flow

Available Advanced Training Classes:

Air Conditioning

A one-day course covering Flowmaster's air conditioning modeling capabilities. This course will explore steady state and transient air conditioning modeling and analysis.

COM and GUI Automation

This one-day course covers the Flowmaster COM enabled control components, basic COM component scripting, and linking to other programs. The course will give a user hands-on experience with COM components, including linking between Flowmaster, Microsoft Excel, and MATLAB.

Component Analytical Model (CAM)

The one-day CAM course provides the foundation for users to create new components that enhance Flowmaster V7 modeling capabilities. Prerequisite: attendees must be experienced users of Flowmaster and familiar with C#.

**To maximize the learning opportunity Flowmaster plans a maximum of eight-twelve and a minimum of two-four engineers per class.*

Advanced Programming: Scripting, Automation and Custom Component Creation

This one-day course is taught in two parts and is focused on Flowmaster advanced programming topics. This course covers custom component creation as well as advanced scripting and automation techniques using Flowmaster.

Topics covered:

- Writing Scripts in Flowmaster
- MS Excel Automation
- Advanced Custom Component Creation
- Other Advanced Programming Techniques

Vehicle Thermal Management

This one-day course is a specialized heat transfer course that focuses on theory and component discussion. Advanced tools such as the Airside Visualizer and Segmenter and the Advanced Heat Exchanger module are introduced. The examples presented are practical applications of heat transfer analysis specifically for automotive thermal management systems.

Topics covered:

- Steady State and Transient Heat Transfer
- Automotive Cooling Systems Example
- Automotive Lubrication Systems Example

Customized and On-Site Training

Additional training courses can be arranged and held at our offices for a minimum of two people. On-site training may also be arranged to suit your needs – please contact us for details.

Training Class Prices

Two-Day Course: \$1,600
One-Day Course only: \$800

Combined Price:
Two-Day + One-Day Course: \$2,200
(per engineer)

Contact Us

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