



FME Form Advanced Course Outline

Overview:

Learn from the experts in how to use the essential components and capabilities in FME through this two-day course, which includes extensive hands-on, problem-solving exercises.

This FME Form Advanced course is for users with some experience of FME Form. We assume you are familiar with the contents of the FME Form Basic course. Sweco will ensure that you get access to the required software and course materials.

Learning Objectives:

- Investigate and use the most popular forms of advanced functionality.
- Handle complex scenarios and handle simple scenarios more easily.
- Improve efficiency in using the FME Form interface.
- Improve the performance of FME translations.
- Understand how to interpret log files.

FME Form courses at Sweco will always be held by a certified FME trainer. This to ensure the quality of the course.

Whenever possible we try to keep our courses open to your input. If you have certain topics you are interested in we will always try to get them into the course to ensure you get all the information you need and the course fits you!

Course Outline:

Welcome to the FME course with Sweco

- Introductions.
- Your Training Machine.
- Course Overview.
- Wish List.

Advanced Attribute Handling

- Constructing Attributes.
- Editor Dialogs and Functions.
- Conditional values.
- Multiple Feature Attributes.
- Null Attributes.

Advanced Workspace Design

- Log file Interpretation.
- Authoring vs Production.
- Assessing Performance.
- Optimizing Performance.
- Batch Processing.

Advanced Parameter Use

- FME Parameters.
- User Parameters.
- Parameter Types.
- Linking Parameters.
- Shared, Embedded and Scripted Parameters.
- Parameter Settings.

Advanced Readers and Writers

- Reading and Writing Archive Files.
- Web-Based datasets.
- Fanout.
- Generic readers and Writers.
- Dynamic translations.

Custom Transformers

- Creating and Using a Custom transformer.
- Input and Output Ports.
- Parameter Handling.
- Custom transformer Types.

- Custom Transformer Versioning.
- Custom Transformers and parallel Processing.
- Looping.

Exercises:

- Roads at risk.
- Precipitation calculation.
- Spot the errors.
- Divide and conquer.
- Parameters to rule the world.
- ...plus more

Learn More:

Visit [Dataflow.center](https://dataflowcenter.com) to locate and register for an upcoming training class in your region. For questions or to inquire about a private onsite class, please contact us at e-mail fmetraining@sweco.se.