FME Desktop Basic Training Course

**Course Outline**

Overview

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

Learning Objectives

* Build both simple and complex translations using FME Workbench
* Visualize and inspect data using the FME Data Inspector
* Design and construct workspaces using FME best practices
* Manipulate data geometry and attributes with transformers
* Create low-maintenance, reusable workspaces

Course Outline

**Welcome to Safe Software**

Course Overview

FME Version and Sample Data

**Data Translation Basics**

What is FME?

FME Desktop Components

Introduction to FME Workbench

Introduction to Data Inspection

Reader and Writer Parameters

Using the FME Data Inspector

**Data Transformation**

What is Data Transformation?

Structural Transformation

Transformation Using Transformers

Content Transformation

Transformers used in Series

Transformers used in Parallel

Group-By Processing

Data Inspection and FME Workbench

Coordinate System Transformation

**Workspace Design**

Workspace Prototyping

Incremental Design

Reading and Writing Workflows

Multiple Readers/Writers

The FeatureReader and FeatureWriter Transformers

Integration Transformers

Workspace Testing Techniques

Integrated Inspection

Partial Runs

**Practical Transformer Use**

Locating Transformers

Most Valuable Transformers

Managing Attributes

Conditional Filtering

Data Joins

Best Practice

What is Best Practice?

Workspace Style with Bookmarks and Annotation

Workbench Methodology for Maintenance and Performance

Debugging with Logs and Feature Counts

**Exercises:**

Workspace Creation and Quick Translation

Data Visualization and Inspection

Schema Editing and Schema Mapping

Data Restructuring, Data Transformation and Data Reprojection

Translation Debugging Techniques

...plus many more

Learn More

Visit [www.safe.com/training](http://www.safe.com/trainingt) 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 604-501-9985, extension 287 or e-mail [training@safe.com](mailto:training@safe.com).