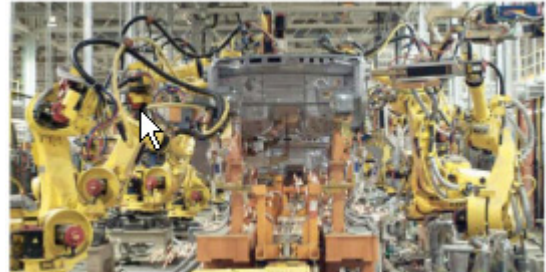


## Proficiency Tracker Fundamentals

### Course Description

The **Proficiency Tracker Fundamentals** course is an advanced level course focusing on the fundamental aspects of Tracker applications. Tracking concepts and configuration of Routing Control Objects will be discussed. Hands on exercises provide you with a chance to rapidly build skill and experience with the product.



### Who Should Attend?

This course is designed for Application Designers, Process Engineers and System Managers.

### Are There Any Prerequisites?

Participants should have a working knowledge of Windows operating systems and a solid understanding of the Proficiency CIMPLICITY application, including the Basic Control Engine, Logging, and Alarming.

It is **strongly recommended** that the **Proficiency CIMPLICITY Fundamentals** course be completed prior to attending this course.

### What Tasks Will Be Taught in This Class?

Upon completion of this Course, the student will be able to:

- Describe to the concepts of tracker and understand fundamental rules and assumptions.
- Create, configure and implement a Tracker Model.
- Use the Import/Export Utility.
- State and use the different methods of decision control/routing.
- Apply the RCO method by configuring a simple and advanced RCO.
- Apply useful tools such as Logging and Alarming to Tracker.

### Course Length

3 days

### Suggested Class Size

10 students

### Class Hours

8:00 am - 5:00 pm, daily



## Course Agenda

*(Schedule and content may vary.)*

### Day 1

#### Morning:

##### Introduction to Tracker

Discuss the functions and the Production Map of Tracker; symbols, notations, regions, items and attributes.

#### Afternoon:

##### Configuration and Implementation

Review the rules and assumptions that apply to Tracker. Understand the configuration and implementation of a Tracker model and be able to use the Production Tracking User Interface.

### Day 2

#### Morning:

##### Importing and Exporting

Use the Import/Export Utilities to extract runtime production data.

##### Using CimEdit

Use Tracker with CimEdit as well as create Tracking screens.

#### Afternoon:

##### Basic Control Engine and Tracker

Create and configure simple and advanced BCE procedures using Tracker extensions

##### RCO User Interface

Use the RCO configuration user interface. by creating and configuring a simple RCO.

### Day 3

#### Morning:

##### Routing Logic Modules

Use the Routing Logic Modules to create and configure an advanced RCO.

#### Afternoon:

##### Using Multiple Routing Logic Modules

Create and configure an RCO with multiple Routing Logic Modules.

##### Logging and Alarming

Configure and implement logging and alarming.

