

# IBM Case Foundation 5.2.1:

Worklow Design Essentials F239

Course Abstract

For more info: <https://www-03.ibm.com/services/learning/ites.wss/zz-en?pageType=page&c=a0011023>

## Course description

IBM Case Foundation is the workflow engine that drives IBM Case Manager processes. With IBM Case Foundation, you can also create and run advanced business process workflows that include parallel processing, component queues, automatic launching, conditional routing, and much more. You can then use these workflows as part of a P8 Platform applications, or incorporate them into your IBM Case Manager solutions. Learn the basic and essential skills for designing and building workflow definitions using IBM Case Foundation Process Designer.

## Duration

1 day

## Delivery Method

Instructor-led (Classroom or online), SPVC (Self Paced Virtual course)

## Audience

* Workflow authors are responsible for planning, designing, creating, testing workflow solutions in a development environment.

## Prerequisites

* Familiarity with Windows 2008 operating systems. General knowledge of P8 Platform security concepts.
  + General workflow terminology:
  + Workflow
  + Workflow definitions
  + Queues
  + Rosters.
* Start a P8 Platform system.
* Familiarity with P8 Platform administration interfaces, including:
  + Administration Console for Content Platform Engine
  + IBM Content Navigator
  + Process Configuration Console
  + Process Designer

## Course Objectives

Upon completion of this course, participants will be able to:

* **Create a workflow definition using Process Designer.**
* **Use workflow properties and step parameters in a workflow definition.**
* **Build simple and complex expressions to calculate property values and direct work.**
* **Use a variety of step types to build a workflow definition.**
* **Use subscriptions to launch workflows automatically from an initiating attachment.**

**Topics**

**Create a workflow definition**

Process Designer

The Process Designer Design mode interface Workflow maps

Example workflow map

Add an activity step to a map Draw a route

Step menu commands Workflow definition file Save a workflow definition

Workflow definitions in the object store

**Configure workflow properties** Workflow properties Workflow and database fields

Using data fields as step parameters What are system fields?

Roster and event log properties

Guidelines for working with Process Designer

## Explore workflow step types

Step palettes

Assemble a custom step palette Step types and the BPM Palette Overview of activity step properties Activity type

System steps

Add a system step to a map Example: Assign system step Termination steps

## Build expressions

Expressions

What is an expression? Data types and arrays

Expression Builder

Literals and operators in expressions Functions

Data type conversion Expression examples

Database fields (Exposed data fields) Exposed Data fields window

Assignment

Assignment before and after a step

Example: Assign F\_Comment after step completion Limitation of the Assign system function

**Launch workflows with subscriptions** Methods of launching a workflow Attachments

Initiating attachment

Overview of a workflow subscription Create a workflow subscription Example subscribed events

Property mapping in a workflow subscription

## Appendix

Start and Stop System Components Troubleshooting