

iBase-t Education

Course Catalog — Summary

INTRO 110

iBase-t and Solumina Overview

Explains the manufacturing Product Life Cycle and how Solumina fits into it. Prerequisite for all other iBase-t training.

INTRO 120

Solumina Roles Overview

Overview of common roles in the Solumina platform, including Shop Floor Technician, Shop Floor Supervisor, Quality Technician, and Process Planner.

INTRO 130

Solumina Interface Overview

Overview of both the Windows Client and Web UI interfaces of Solumina.

INTRO 140

Solumina Basic Navigation (Web UI)

Overview of basic navigation and searching in the Solumina Web UI interface.

INTRO 150

Solumina Basic Navigation (Win Client)

Overview of basic navigation and searching in the Solumina Win Client interface.

SFTECH 100

Shop Floor Technician

Introduces the Shop Floor Technician to the Solumina iSeries web interface with detailed instructions for completing daily role-specific tasks.

SUPV 100

Supervisor

Covers Solumina features specific to the supervisor role, including navigating, monitoring, managing and assigning work, reviewing holds, discrepancies, and moving work order operations to work centers.

QTECH 100

Quality Technician

Introduces the Quality Technician to the Solumina iSeries web interface, covering buyoffs, inspection order execution, and discrepancy processing.

RI 100

Receiving Inspector

Covers navigation and execution of key Solumina processes for day-to-day functions in the receiving inspector role.

SI 100

Source Inspector

Covers navigation and execution of key Solumina processes for day-to-day functions in the source inspector role.

ADMIN 100

Administrator Fundamentals

Covers managing user access, privileges, and roles; defining workflows; addressing discrepancies; troubleshooting system problems; and understanding security and system architecture.

IMPLE 120

Architecture

Explains the Solumina technology stack, including Containerized Deployment, Kubernetes, Traefik, Elastic Search, MongoDB, and the API Tech Stack.

IMPLE 140

Integration Concepts

Introduces OAGIS/XML standards, BIS, APIs, integration business processes, data mapping for inbound/outbound interfaces, and UCF implementation.

IMPLE 150

Solumina Reporting

Introduces Solumina reporting in both Web UI and WinClient, covering how to access and search standard Operations and SPC reports.

IMPLE 190

Software Development Kit (SDK) Overview

Covers the SDK's extensibility capabilities, pre-installation process, and creation/testing/deployment of microservices and applications. Provides an overview without detailed coding instruction.

MSTRDAT 100

Solumina Master Data Overview

Overview of Master Data setup in Solumina, including common data types, key elements, and step-by-step data load instructions.

SIM 110

Solumina Implementation Methodology (SIM) Overview

Introduces SIM, iBase-t's agile process for creating efficiencies and collaborative governance during customer implementations.

i120 Snippets

Shop Floor Technician (i120)

Covers work order window components and use of the Need to Collect tab for data collections and buyoffs in the i120 release.

i120 Snippets

System Administrator (i120)

Covers key setup elements for daily operations including document types, subtypes, workflows, global parameters, tasks, alerts, and communications.

T1211

Manufacturing Process Planning

Demonstrates Solumina Process Planning functionality including Object Libraries, Advanced Settings, Operation Flow Diagrams, Ad Hoc Alterations, and Superseding Instructions.

T1212

Manufacturing Execution

Covers production control and shop floor activities including managing work orders, signing on/off, executing work instructions, buyoffs, data collection, and advanced production planning.

T1220

Manufacturing Inspection Planning and Execution

Covers inspection overview, planning master data, MES inspection plan creation, and manufacturing inspection execution.

T1411

MRO Planning

Covers MRO introduction, system libraries, release packages, MRO plan building, part remove/disposition/reinstall, task groups, approval workflows, plan upgrades, and standard operations.

T1412

MRO Execution

Covers relationships, creating and assigning work, work order sign-on and execution, removed part tracking, and handling process changes.

T1511

SDK Backend

Hands-on developer course covering the iSeries SDK, API navigation, custom Spring Microservice development, SDK integration, Swagger, Postman, and Traefik testing.

T1512

SDK Frontend

Covers the iSeries SDK for frontend development, including building a custom React app and using the SDK for a custom UI.

T1811

JSReport

Covers core jsreport principles, integration with Solumina iSeries, browser-based studio development, report rendering, and best practices for modifying iSeries jsreports.

T1610

Solumina Configuration Basics

Hands-on course covering roles/privileges, dispatch lists, authoring/approval workflows, UI configuration, tabular reports, User Defined Views (UDVs), INI Lib functionality, and barcode configuration.

T1620

Solumina Web UI Configurator Tool

Guides users through the iSeries Web UI Configurator Tool to create custom configurations and components for work orders and dispatches.

T1720

Integration Concepts (BIS)

Covers data mapping and communication between external systems (PLM, ERP, SQA) and Solumina, with a hands-on end-to-end business integration scenario.
