

Module 1: Introduction to Smart Plant P&ID (SPPID)

- Overview of P&ID Design
- Getting Started with Smart Plant P&ID
- Basic Concepts

Module 2: Drawing Creation and Editing

- Creating a New P&ID
- Symbol Libraries and Customization
- Connecting Components

Module 3: P&ID Components and Data Management

- Adding Equipment and Instrumentation
- Data Management and Integration
- P&ID Tags and Descriptions

Module 4: Advanced Editing and Design Features

- Intelligent P&ID Features
- Advanced Symbol Editing
- Managing P&ID Drawing Layers

Module 5: P&ID Reports and Documentation

- Generating Reports
- Project Documentation and Deliverables

Module 6: Advanced Data Management and Integration

- Interfacing with Smart 3D and Smart Materials
- Data Link and External Database Integration
- Using P&ID with Asset Management

Module 7: Project Management in SPPID

- Collaborative Design Workflows

Module 8: P&ID Review and Quality Control

- Reviewing P&ID Design

Duration: 45 days