Adv. Planning & Scheduling: Fundamentals – Production Scheduler Implementation

Course Overview
Course number: APS-PS02
Course length: 4 days

Production Scheduler is a state-of-the-art schedule and schedule optimization solution for continuous process industries which may be applied to oil refining, smelting, and other processes. The solution allows users to effectively react to timing of raw material arrivals, insert and account for maintenance events, determine which tanks and process units should be used, and optimize production schedule parameters to meet logistics, quantity and quality constraints.

Production Scheduler provides significant improvements in the quality of the schedule solution over traditional systems by extensively using the Mixed Integer Programming (MIP) capabilities. This allows the solution to find the best feasible schedule based on logistics and quality making Production Scheduler a best-in-class scheduling tool.

Course Benefits
The course will enable the participant to optimize Production Scheduler for real world solutions.

Course Delivery Options
- In-Center Instructor-Led Training

Who Should Take This Course?
This 4 day course is designed to assist Honeywell Customers and MES project team specialists in the configuration and administration of Production Scheduler.

Prerequisite/Skill Requirements
Prerequisite Course (s)
- None

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Uniformance and PHD
- PHD TAG creation
- Virtual TAGs and TAG types
- Manual Input TAGs
- Uniformance Desktop Tools
- Windows Services concepts

Course Topics
Upon successful completion of the course, attendees should be able to:
- Explain the purpose and reasons for the use of Production Scheduler
- Understand and explain Where and how Production Scheduler fits into the business.Flex Suite
- Explain which services and components are part of Production Scheduler
- Explain data management used by Production Scheduler
- Explain how to Configure and Administer Production Scheduler
- In the hands on lab sessions the participants will work to develop skills and practical knowledge on how to administer and configure Production Scheduler, including:
  - Security & Experion Application Framework (EAF)
  - Configuring Production Scheduler for optimum results
  - Interface navigation
  - Views and reporting
  - Integrating with PHD
  - Monitoring services
  - Communications to ERP systems
  - Proofing and trouble shooting

Additional Training
To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.automationcollege.com.