

S/4HANA Manufacturing for Production Engineering and Operations (PEO)



Odbiorcy szkolenia

- Solution Consultants
- Project Leaders
- Project Team Members
- System integrators who setup and operate PEO in a business network



Korzyści

- This course will prepare you to:
 - Explain key features and benefits of SAP S/4HANA Manufacturing for Production Engineering and Operations (PEO)
 - Explain the business processes that SAP S/4HANA PEO supports around production engineering and production operations
 - Configure product and process master data, such as version- controlled manufacturing BOMs and routings that include all information needed for production planning, production costing, and shop floor execution
 - Execute manufacturing change management to orchestrates the end-to- end production engineering process
 - Execute serialized and non-serialized production process using role-specific UIs for production operators



Program szkolenia

- Manufacturing Engineering

- Create EBOMs in S/4HANA
- Manage Engineering Snapshots (Multi-level EBOM structures) in S/4HANA
- Handover EBOM to MBOM using VEMP
- Define and create various planning scopes
- Define Model/Unit effectivity for BOM, routing and production order
- Define major assemblies and installation kit structures
- Use project system to maintain WBS networks with relationship to installation order
- Create MBOMs with effectivity values and ref. points and assign them to network activities
- Run MRP for planned order
- Convert planned order to production order
- Create installation orders for different model units
- Explain version management concept
- Introduce an engineering change
- Explain the concept of change records
- Analyze change impact on various objects
- Manufacturing Process Planning
 - Explain how operation activities in S/4HANA Manufacturing relate to PEO
 - Define qualifications to be checked during the execution of production process
 - Define buyoff and buyoff items in S/4HANA for PEO
 - Define shop-floor routing with various assignments to operation activities, such as inspection characteristics, qualifications, buyoffs, etc.
 - Allocate components with reference to 3D models
 - Configure in-line work instructions with embedded data collection for the shop floor processes
 - Use standard texts for work instructions
 - Create orders and operation activities for production execution
 - Define reason codes and reason code groups for operator's actions
 - Explain status and action schema (SAS) and use custom-defined SAS's in the shop floor routing
 - Define action type handlers
 - Set up routings for disassembly scenarios
- Extended Production Operations
 - Distribute work between production operators
 - Use personal work queues and other apps
 - Track serialized products and collect data about them using role-specific UIs for production operators
 - View work instruction with embedded references to 3D model, components and inspection characteristic tables
 - Use in-line work instructions with embedded data collection capability to record component and quality information
 - Record defects during production process
 - Track labor actions
 - Claim and register tools during production process

- View PMI data in attached 3D view
- Perform operation activities for disassembly
- Split shop floor order into multiple orders during production execution
- Production Monitoring
 - View and analyze as-built and genealogy details about serialized products
 - Use extended action log report to derive additional details about time and reason for an action



Oczekiwane przygotowanie uczestnika

Essential

- Basic knowledge of manufacturing life cycle

Recommended

- SAP ERP (MM, PP, QM modules)



Czas trwania

4 dni / 30 godzin

Język

Szkolenie w języku polskim lub angielskim. Język szkolenia jest uzależniony od konkretnego terminu. W celu uzyskania szczegółowych informacji, ustalenia terminu, bądź informacji o wersji językowej prosba o kontakt z opiekunem handlowym.

- Materiały: angielski.