

NX MCD Digital Prototype and Virtual Commissioning / NX MCD数字化样机虚拟调试 (F4001)

Short Description

Maybe you have even visited Siemens SEWC digital factory in Chengdu, amazed at the perfect fit between virtuality and reality; Maybe you have been confused with frequent reworks of physical prototype, resulting in expensive costs of materials and manpower, even delay the time from design to delivery. Siemens PLM NX MCD, Mechatronic Concept Designer, is right choice for virtual commissioning with digital prototype. It is come true to fast evaluate the problems in virtual environment and reduce obviously the physical prototype.

Objectives

This course will intrduce Siemens PLM NX MCD (Mechatronic Cnocept Designer) and virtual prototype commissioning using Hardware-in-Loop. Through the case study, learn how to define mechanism motions in MCD, how to output the kinematic sequences to PLC Open, how to create the PLC/CNC conncections and map the signals, virtual commissioning, and modification of models and PLC/CNC programs. This course is aimed at shortening the product design period and reducing the design costs.

Target Group

Design Personnel , Automation Personnel , Commissioning Personnel .

Content

- MCD Overview : Funcationalities and Value
- MCD Kinematic Model
- Data Interworking between MCD and PLC/CNC
- Case Practice

Prerequisites

CAD basics , PLC basics

Type

Face-to-face training

Duration

2 days

Language

zh

Fee

3,800 CNY