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ABB UNIVERSITY

**DE430**

Microsoft Windows® Technology for

ABB IndustrialIT Process Control Systems

The participant should have the necessary knowledge to be able to setup Microsoft Windows® Operating Systems, especially in connection with ABB Process Control Systems 800xA, Symphony Plus, OIT Process Portal B und Freelance.

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| **Course Type** This is an instructor-led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab activities.**Participant profile** The training is targeted at persons who want to maintain, configure and administer the Distributed Control Systems and their Microsoft Windows® environments.**Prerequisites**Basic experience in dealing with and handling of current Microsoft Windows® operating system is an advantage. **Learning objectives** Upon completion of this course the participant will be able to* Setup the Windows® Desktops for both Server and Client Operating Systems
* Configure File Explorer and Internet Explorer Settings
* Understand the network protocols and settings used in the ABB Process Control Systems
* Setup the RNRP network protocol
* Setup and use the Windows® Server Manager
* Configure and Use Remote Desktop Services
 | * Install and administer the server roles and features such as Active Directory Domain Services, Domain Name Services, DHCP, Terminal Services and Internet Information Services
* Create local and domain user accounts and groups
* Setup Remote Management
* Use the Print Services
* Understand the Windows® Distribution Services
* Configure Windows® Server Backup

**Topics*** The Microsoft Windows® server and client installations and their differences
* Windows® Operating Systems Look and Feel
* Administration Tools
* Domain Controller and Domain Name Service
* Local, Domain and Domain Controller Policies
* Organizational Units and Group Policy distribution
* Networks, protocols, redundancy, settings and recommendations
* Further server roles such as Windows® Server Backup and Print Services
* Redundancy for Server Roles
* Software Updates and strategies
* Performance Monitoring
* Virtual PCs

**Duration**3 days |

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| **Agenda**  |
| Day 1  | Day 2  | Day 3  |  |  |
| General information about the courseWindows® Client and Server Operating SystemsVirtualizationSetting up a Windows environmentDesktop, File Explorer and Internet Explorer settings | Server ManagerNetworks, Ethernet TCP/IP and settingsRNRP SettingsInstalling additional Server Roles and Features Overview Active DirectoryRedundancy for important server rolesUser Administration | Local PoliciesDomain Policies, Organizational Units and Group Policy distributionPrint ServicesServer Backup  |  |  |

We also offer this training on site – at a time convenient for your purposes. Please contact us! We look forward to preparing a customized offer for you.