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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 course  Windows® Client and Server Operating Systems  Virtualization  Setting up a Windows environment  Desktop, File Explorer and Internet Explorer settings | Server Manager  Networks, Ethernet TCP/IP and settings  RNRP Settings  Installing additional Server Roles and Features  Overview Active Directory  Redundancy for important server roles  User Administration | Local Policies  Domain Policies, Organizational Units and Group Policy distribution  Print Services  Server 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.