

Day 1: Introduction to CAD Integration with 3DX 1.1. Welcome and Course Overview 1.2. Understanding the Importance of CAD Integration 1.3. Overview of Supported CAD Software (Solidworks, Solid Edge, Creo, NX) 1.4. 3DX Platform Overview 1.5. Installation and System Requirements

Day 2: CAD Software Installation and Configuration 2.1. Installing and Setting up Solidworks Integration 2.2. Installing and Setting up Solid Edge Integration 2.3. Installing and Setting up Creo Integration 2.4. Installing and Setting up NX Integration 2.5. Troubleshooting Installation Issues

Day 3: Integration with 3DX Platform 3.1. Configuring CAD Connections in 3DX 3.2. Establishing Data Links 3.3. Data Transfer and Synchronization 3.4. Collaborative Workflows with CAD Integration 3.5. Best Practices for Integration

Day 4: Data Management and Collaboration 4.1. Managing CAD Data in 3DX 4.2. Version Control and Revision Management 4.3. Collaborative Design and Review Processes 4.4. Integrating CAD into PLM Workflows 4.5. Data Security and Access Control

Day 5: Advanced Topics and Troubleshooting 5.1. Automation and Scripting for Integration 5.2. Performance Optimization 5.3. Handling Large Assemblies and Complex Designs 5.4. Troubleshooting Common Integration Issues 5.5. Certification and Future Steps