Applied Product Identification Systems

FESTO

This Level 2 certification builds on foundational knowledge and provides hands-on, applied experience with product identification technologies in industrial environments. Participants engage in configuring, operating, and troubleshooting barcode, RFID, and vision-based identification systems integrated into automated material handling processes. The certification emphasizes real-world application through advanced labs and project-based activities.

Industry Recognized Certification Topics	**Industry Recognized Certification Competencies**

Industry Recognized Certification Topics

– Advanced Safety in Product Identification Systems
– Binary Identification and Error Detection Applications
– 1D and 2D Barcode Technology Implementation
– Computer Codes in Automation
– Numbering Systems in Industrial Applications
– RFID System Design, Configuration, and Troubleshooting
– Machine Vision Applications in Product Identification
– Integration of Identification Systems with CP Conveyors and Workpiece Carriers
– Data Collection and Industrial IoT Connectivity
– Project-Based Learning in Applied Identification

Industry Recognized Certification Competencies

– Implement and Troubleshoot Binary and Barcode Systems
– Configure and Apply Computer and Numbering Codes
– Design and Operate RFID Systems
– Apply Vision Systems for Automation
– Integrate Identification with Material Handling
– Utilize Industrial IoT for Product ID
– Execute Applied Projects in Product ID

Units - 7 / Labs - 7

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