Skill Boss - Logistics
Hands-on Skills Assessment and Training for the CT-SCA Certification
Skill Boss Logistics Collaboration

Certified Technician – Supply Chain Automation

Collaboration between NCSCA, MHI, MHEDA, MSSC, Amatrol
Skill Boss Logistics Industry Advisors

Industry Partners that helped in the Development Process

TARGET

AHS

ups

FAMILY DOLLAR

DOLLAR TREE.

FedEx Ground

Honeywell

Intelligrated

HYTROL

DAIFUKU

Walmart
Skill Boss Logistics

• Designed to simulate a modern Sortation System
• Packages are loaded/scanned/routed and re-routed through an automated process
CT-SCA Certification Courses

Supply Chain Technician: A person who installs, operates, supports, upgrades or maintains the automated material handling equipment and systems that support the supply chain.

**Course 1**
Approx. 150 Hours

**EM**
Equipment Maintenance
Maintaining Equipment / Systems

**Course 2**
Approx. 150 Hours

**ER**
Equipment Repair
Equipment Repair - Installing, Modifying, Troubleshooting and Repairing Equipment/Systems

**Course 3**
Approx. 150 Hours

**NR**
Network Repair
Network Repair - Installing, Modifying, Troubleshooting and Repairing Basic Controllers and Networks

Pre-Requisite Knowledge

Entry Level

Higher Level
CT-SCA E-Learning Courses

- Meets MSSC CTSCA Standards
- 150 hour preparation per course
CT-SCA E-Learning Courses

- Virtual Trainer Simulation
Skill Boss Logistics

100 Hands-On Skills

Course 1
EM Equipment Maint.
- Safety
- Measurement
- Nomenclature
- Hand Tools
- System Operation
- Adjust Elect/Pneu
- Maintain Machines
- Adjust Scanners
- Adjust Automation Equipment

Course 2
ER Equipment Repair
- Install Mechanical Systems
- Interpret Specifications
- Troubleshoot Machines
- Install Electrical Systems
- Install Fluid Power Systems
- Interpret Blueprints

Course 3
NR Network Repair
- Check indicators Operation
- Adjust Systems
- Edit a PLC Program
- Program a PLC
- Operate a PLC
- Troubleshoot a PLC
- Install Networks/Scanners
- Administer a Network

Entry Level

Higher Level
Skill Boss Logistics Major Elements

HMI with Warehouse Control Software

Control Unit

Workstation
Many Types of Sensors

AC and DC Motors

Belt and Chain Drive

Discrete and Analog IO, High Speed Counter, Ethernet

Wide Range of Technology
Warehouse Control Software

ORDER SELECTION

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FaultPro Included!

Amatrol’s FaultPro computer-based fault insertion software provides electronic troubleshooting training by inserting “real-life” faults into the system.
Examples of 50+ Faults:
- E-Stop Pushbuttons
- Induction Sensor
- Limit Switch
- Photoelectric Sensors
- Magnetic Reed Switches
- Barcode Scanner
- Master Control Relay
- Programmable Controller I/O
- Power Supply
- Variable Frequency Drive
- Pneumatic Valve Solenoids
- Pneumatic Valves
- AC and DC Motors
- Encoder
- Main Power Breaker
- Ethernet Switch

- Real World Problem Solving
- Safe Fault Insertion
- Automated Fault Insertion
- Student Record Database Analysis
Master Teacher Instructor Training Fall 2020
Amatrol Inc. Jeffersonville, Indiana
Skill Boss Logistics

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