



Regional Training Courses



The following instructor-led courses will be taught at Honeywell Intelligrated regional offices. A Honeywell Intelligrated, PMMI-certified trainer will lead each course, enrolling a maximum of 12 attendees per session. Our goal is to provide quality education, discussions and hands-on experience, while enhancing your skills.

All courses will include:

- A brief overview of safety skills, LOTO and CEMA topics
- Group discussion and Q&A
- Training materials
- Hands-on experience (limited, read course descriptions for details)
- Lunch and snacks (full-day attendance required)
- 30-day subscription to related eLearning courses

Basic Electricity for Maintenance Personnel

Training course designed to introduce electrical theory and concepts, including the study of matter and how it relates to electron flow, as well as how voltage, ohms and amperes interrelate in electrical circuits. Course emphasizes the application and troubleshooting of electrical devices in a material handling system. Reading electrical schematics and using multimeters to measure voltage, current and resistance is also included. Instructors emphasize safety and safe practices, and may tailor the course to the location or participant needs.

Course Length:	4 hours
Prerequisites / Audience:	Personnel with limited or no experience with electrical maintenance
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Regional Training Courses

Electrical Systems & Troubleshooting

Training course designed to provide an understanding of the operation, preventive maintenance, troubleshooting and repair of controls used for material handling systems. Course includes information on electrical concepts, reading electrical schematics, understanding control panel wiring, motor control circuits, networks, I/O, electrical devices and troubleshooting. Instructors emphasize safety and safe practices.

Course Length:	4 hours
Prerequisites / Audience:	Basic Electricity for Maintenance Personnel Training course or equivalent knowledge, or maintenance personnel with electrical or electronics familiarity or experience, including lead maintenance technicians and supervisors
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Motor Control Devices & Troubleshooting

Training course designed to provide an understanding of the operation, maintenance and troubleshooting motor control devices and circuits. This course includes training on variable frequency drives, soft starts, servo drives and encoders. Motor control system demo kits will be available for hands-on exercises and troubleshooting.

Course Length:	4 hours
Prerequisites / Audience:	Maintenance personnel with electrical or electronics familiarity or experience, including lead maintenance technicians and supervisors
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Profibus Networking

Training course designed to provide a comprehensive overview of networking and Profibus network configurations, diagnostics and troubleshooting. Topics include nodes, I/O systems, sensors, repeaters and termination resistors, as well as diagnostics and troubleshooting. A Profibus analyzer and ICW/BOSS III demo kit with a Profibus network will be available for hands-on exercises and troubleshooting.

Course Length:	4 hours
Prerequisites / Audience:	Maintenance personnel with electrical or electronics familiarity or experience, including lead maintenance technicians and supervisors
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Regional Training Courses

InControlWare® Control System

Training course designed to provide an understanding of the operation, maintenance and troubleshooting using the InControlWare control system. The course will cover common features, operations and reporting, as well as maintenance and scanner diagnostics, alarms and events and troubleshooting. An InControlWare control system demo kit will be available for hands-on exercises and troubleshooting.

Course Length:	4 hours
Prerequisites / Audience:	Operations, maintenance and supervisory personnel responsible for operating and maintaining the material handling system
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

BOSS® III Control System

Training course designed to provide an understanding of the operation, maintenance and troubleshooting using the BOSS III control system. The course will cover common features, operations and reporting as well as maintenance and scanner diagnostics, alarms and events and troubleshooting. A BOSS III control system demo kit will be available for hands-on exercises and troubleshooting.

Course Length:	4 hours
Prerequisites / Audience:	Operations, maintenance and supervisory personnel responsible for operating and maintaining the material handling system
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Basic Programmable Logic Controllers (PLC)

Training course designed to provide an understanding of the operation, maintenance and troubleshooting of Programmable Logic Controllers (PLC). The course will explain how to interface with various PLC technologies, understand the applications, modify configurations, as well as basic programming and troubleshooting. There will be a focus on Allen Bradley and Modicon systems. Additional topics include basic input and outputs, PLC addressing, LED indications, monitoring the system, search content and more. A PLC demo kit will be available for hands-on exercises and troubleshooting.

Course Length:	8 hours
Prerequisites / Audience:	Maintenance and controls technicians responsible for operating and maintaining the material handling system
Class Size:	6 minimum, 12 maximum
Cost:	\$725 / person

Regional Training Courses

Belt Joining Training

Belt joining is a key maintenance procedure that can affect many aspects of the facility. This training course designed to teach maintenance personnel the correct method of joining belts and technical tips on increasing the life of the belt and lacing. The training includes mechanical lacing and thermal welding for both the standard and heavy-duty belts on IntelliQ Zero Pressure Accumulation conveyors. Lacing equipment will be available for hands-on exercises.

Course Length:	4 hours
Prerequisites / Audience:	Maintenance personnel and supervisors responsible for maintaining the material handling system
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Tilt Tray Maintenance

Training course designed to provide an understanding of the operation, preventive maintenance, troubleshooting and repair of tilt tray and cross belt sorters. Topics include critical path overview, timing adjustments, induction overview and maintenance and repair procedures.

Course Length:	4 hours
Prerequisites / Audience:	Maintenance personnel with mechanical or industrial experience, including lead maintenance personnel and supervisors
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Tilt Tray InControlWare®

Training course designed to provide an understanding of the operation, maintenance and troubleshooting of tilt tray and cross belt sorters using the InControlWare control system. The course will cover common features, operations and reporting as well as maintenance and scanner diagnostics, alarms and events and troubleshooting. An InControlWare control system demo kit will be available for hands-on exercises and troubleshooting.

Course Length:	4 hours
Prerequisites / Audience:	Operations, maintenance and supervisory personnel responsible for operating and maintaining the material handling system
Class Size:	6 minimum, 12 maximum
Cost:	\$365 / person

Medium Speed Palletizer Introduction

Training course that focuses specifically on the 780, 880, 890, and 900 right angle palletizers. Topics include operations instructions, service and maintenance, an electrical overview and troubleshooting. (Please note that this course will not cover high speed, straight-through or inline palletizers.).

Course Length:	8 hours
Prerequisites / Audience:	Operation and maintenance personnel responsible for operating and maintaining medium speed palletizers
Class Size:	6 minimum, 12 maximum
Cost:	\$725 / person

Regional Training Courses

Course Dates and Locations

Course Date	Cancellation Date <i>(for partial refund)</i>	Regional Location
February 25-March 1, 2019	February 11, 2019	Irving, TX
March 25-29, 2019	March 11, 2019	Ontario, CA
April 29, May 3, 2019	April 15, 2019	Woodridge, IL
June 3-7, 2019	May 20, 2019	Mason, OH
July 22-26, 2019	July 8, 2019	Alpharetta, GA
August 26-30, 2019	August 12, 2019	Somerset, NJ

Regional Locations and Contact Information

Regional Location	Address	Contact	Phone	Fax
Mason, OH	7901 Innovation Way Mason, OH 45040	Michelle Lay	513.701.7337	513.701.5685
Woodridge, IL	9014 Heritage Pwy Woodridge, IL 60517	Jennifer Dewey	630.985.4342	630.985.4351
Alpharetta, GA	13560 Morris Rd Alpharetta, GA 30004	Rachel Marsal	678.366.8063	678.366.8064
Irving, TX	125 E. John Carpenter Fwy Irving, TX 75062	Heather Smith	972.581.2916	972.581.2933
Somerset, NJ	265 Davidson Ave Somerset, NJ 08873	Liz Michaels	732.357.1252	732.357.1800
Ontario, CA	3633 Inland Empire Blvd Ontario, CA 91764	Susan Porter	916.772.6800	916.772.6900

Registration / Cancellation Policies

Registration: Phone: Jim Mueller, 314.813.2424
 Email: Send completed registration form to James.Mueller@Honeywell.com
 Fax: Send completed registration form to 888.278.4267

Once a regional course is confirmed, a detailed letter will be sent to the email address given at the time of registration; including pertinent class details, driving directions, and area hotels.

Cancellation: Courses confirmed ONLY after 6-person minimum registration is met.
*Note: Classes may be cancelled if minimum attendance is not met; **do not book non-refundable travel and accommodations until course confirmation is received.***
 Cancellation Fees: *(see posted cancellation dates above)*
 Prior to the cancellation date: \$50 (for any 4-hour course) or \$100 (for any 8-hour course)
 Cancellations after the posted date results in no refund

Regional Training Courses

Registration Form

Complete and submit this form:

- Via email: James.Mueller@Honeywell.com
- Via fax: 888.278.4267

Please complete one registration form per attendee

Training Dates

- | | | |
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| <input type="checkbox"/> February 25-March 1, 2019 | <input type="checkbox"/> Basic Electricity for Maintenance Personnel | <input type="checkbox"/> Basic Programmable Logic Controllers (PLC) |
| <input type="checkbox"/> March 25-29, 2019 | <input type="checkbox"/> Electrical Systems & Troubleshooting | <input type="checkbox"/> Belt Joining Training |
| <input type="checkbox"/> April 29, May 3, 2019 | <input type="checkbox"/> Motor Control Devices & Troubleshooting | <input type="checkbox"/> Tilt Tray Maintenance |
| <input type="checkbox"/> June 3-7, 2019 | <input type="checkbox"/> Profibus Networking | <input type="checkbox"/> Tilt Tray InControlWare |
| <input type="checkbox"/> July 22-26, 2019 | <input type="checkbox"/> InControlWare® Control System | <input type="checkbox"/> Medium Speed Palletizer Introduction |
| <input type="checkbox"/> August 26-30, 2019 | <input type="checkbox"/> BOSS® III Control System | |

Training Attendee

Name

Company

Address

Phone

Email

Please list any additional information here *(including dietary and disability considerations)*.

For more information

www.intelligrated.com

<https://www.intelligrated.com/en/services/training>

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