

AUTOPILOT INSTALLATION AND TROUBLESHOOTING TRAINING COURSE OUTLINE

	Module 1	Module 2 (Hands-On)	Lunch	Module 2 (Hands-On)
Session	8.30 - 9.00 am	9.00 - 11.30 am	11:30 - 12:30 pm	12:30 - 4:00 pm
Day 1	<p>Course Basics Welcome Introductions Get Acquainted Course Objectives Detailed Training Agenda</p>	<p>Hardware Installation AutoPILOT: Motherboard Comm 3 Terminator Board AutoPILOT Expansion Boards Board Function, Capabilities and Installation Procedures: CPU Board Theory of Board Addressing DI/DO Board Pulse Board Serial Expansion Board Analog Output Board Analog Output Power Board MEB DI/DO Board MEB Pulse Input Board AutoMATE: Motherboard AutoMATE Expansion Board Terminator Board Serial Expander Board MEB Interface Board Expansion Boards MEB Analog Output Board MEB DI Board MEB DO Board Comm 3 Terminator Board Solid State Relay Board Applying Power</p>	<p>Provided</p>	<p>Hardware Installation (Cont) AutoMITTER: Transducer Interface Installing/Wiring an AutoPILOT Proper RTD Installation and Wiring AutoPILOTPRO: Motherboard Expansion Boards AutoMITTERPRO: Main Board Proper RTD Installation and Wiring</p> <p>**Students will complete an installation of an AutoMITTER, RTD and each of the boards listed above.</p> <p>**Students will install each of the boards listed above.</p>

	Module 3 (Hands-On)	Lunch	Module 4 (Hands-On)	Module 5
Session	8:30 - 11:30 am	11:30 - 12:30 pm	12:30 - 4:45 pm	4:45 – 5:00 pm
Day 2	<p>AutoCONFIG Software-DOS / Windows Menus and Icons AutoCONFIG Capabilities Installation Procedures Communicating Applying Power Types of Configurations: Simple Advanced Simple Configuration Steps Advanced Configuration Steps Performing a 3-Point Calibration Displaying Configuration Data of a Run Displaying Instantaneous Data Displaying Unit Inputs (e.g. analog, pulse, etc) Displaying Unit Outputs Unit Capabilities Displaying Configuration Data RTU/Port Configuration: Enabling Functions</p>	<p>Provided</p>	<p>Troubleshooting AutoMITTER : SMT Comm Error SMT Rev/Addr Bad SMT Unit Error DI/DO Board: AutoPILOT : Motherboard Voltage Checks Contrast Digital I/O Board Troubleshooting MEBs When All Else Fails</p>	<p>Literature Course Evaluation</p>