

GAS FLOW COMPUTER TRAINING COURSE OUTLINE

	Module 1	Module 2	Lunch	Module 3
Session	8.30 - 9.00 am	9.00 - 11.30 pm	11:30 - 12:30 pm	12:30 - 4:00 pm
Day 1	<p>Course Basics Welcome Introductions Get Acquainted Course Objectives</p>	<p>Product Information Product Definition Application Principle of Operation Metering Devices Transmitters (HoneyWell, AutoMITTER) Measurement Principle Flow Computer Models Power Flow Data Calculations Operational Environments Safety Ratings Software SCADA Systems Optional Capabilities Manufacturing Plant Tour</p>	<p>Provided</p>	<p>Hardware AutoPILOT External Hardware AutoPILOT Internal Hardware CPU: Components/Connections/Jumpers Optional Expansion Boards: Class 1, Div 2 Certified Boards Class 1, Div 1 Certified Boards MEB Technology Explained Board Quantities Theory of Board Addressing Interfacing with Expansion Boards AutoPILOT PRO External Hardware AutoPILOT PRO Internal Hardware CPU: Components/Connections/Jumpers Class 1, Div 2 Certified Boards Interfacing with Expansion Boards Theory of Board Addressing AutoMITTER PRO External Hardware AutoMITTER PRO Internal Hardware Components/Connections/Jumpers Class 1, Div 2 Certified Boards AutoMATE External Hardware AutoMATE Internal Hardware: CPU: Components/Connections/Jumpers Optional Expansion Boards: Expansion Board Terminator Board MEB Interface Board MEB Analog Output Board</p>

	Module 4 (Hands-On)	Lunch	Module 4 (Cont)	Module 4B (Cont)
Session	8:30 - 11:30 am	11:30 - 12:30 pm	12:30 - 2:00 pm	2:00 – 5:00 pm
Day 2	AutoCONFIG Software Capabilities Installation Procedures Communicating Applying Power Viewing Unit Capabilities Types of Configurations: Simple Advanced Simple Configuration Steps Advanced Configuration Steps Advanced Configuration Steps w/ Chromatograph 3-Point Calibration Displaying Configuration Data of a Run	Provided	AutoCONFIG Software Displaying Instantaneous Data Displaying Historical Data Tagging Reports Displaying System Configuration Retrieving Historical Data Uploading/Storing a Configuration Cold Starting/Downloading a Configuration Logging in via Host Port Dialing a Unit Remotely USB to Serial Converters Enabling Call out Functions Setting Up PID Loops Displaying Unit Keypad Display List	APP AutoCONFIG Software Capabilities Installation Procedures Communicating Menus ToolBar Physical Analog Input Smart Transducer Input Physical Accumulator Input DP Flow Calculations PlungerLift Overview PID Configuration Communication Ports ModBus System Status
	Module 5 (Hands-On)	Lunch	Module 6 (Hands-On)	Module 7 (Hands-On)
Session	8:30 - 11:30 am	11:30 - 12:30 pm	12:30 - 1:30 pm	1:30 - 2:30 pm
Day 3	Hardware Installation Transmitter Installation RTD Installation Board Installation Reconfiguring a Unit Diagram Orientation	Provided	Maintenance Tools E-Prom Back up Battery LCD	Troubleshooting Communication Issues Power Test Points