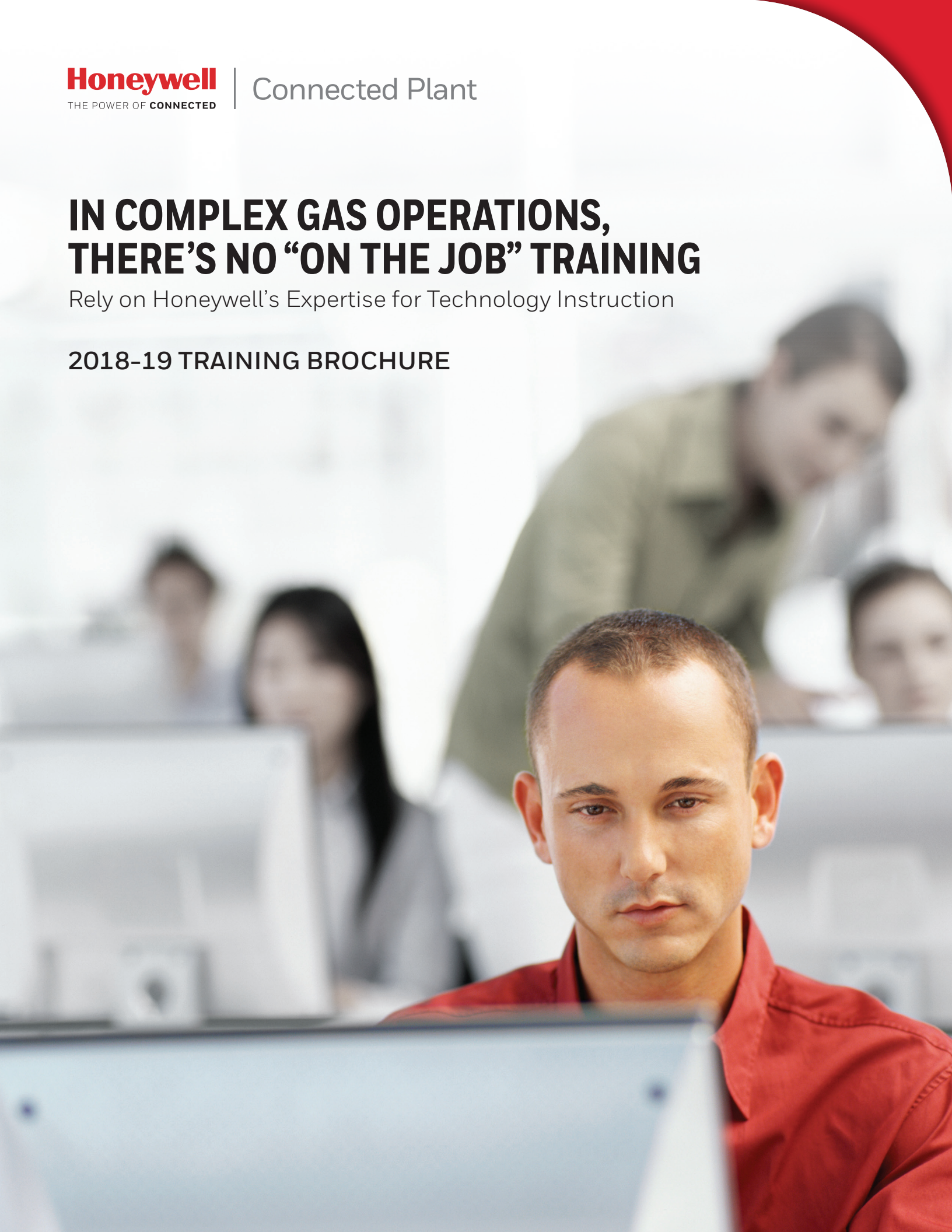


# **IN COMPLEX GAS OPERATIONS, THERE'S NO "ON THE JOB" TRAINING**

Rely on Honeywell's Expertise for Technology Instruction

**2018-19 TRAINING BROCHURE**



Today's demanding natural gas industry has a growing need for skilled and knowledgeable personnel. That's why facilities worldwide rely on Honeywell's expert, hands-on training in the use of Mercury Instruments electronic products and software.

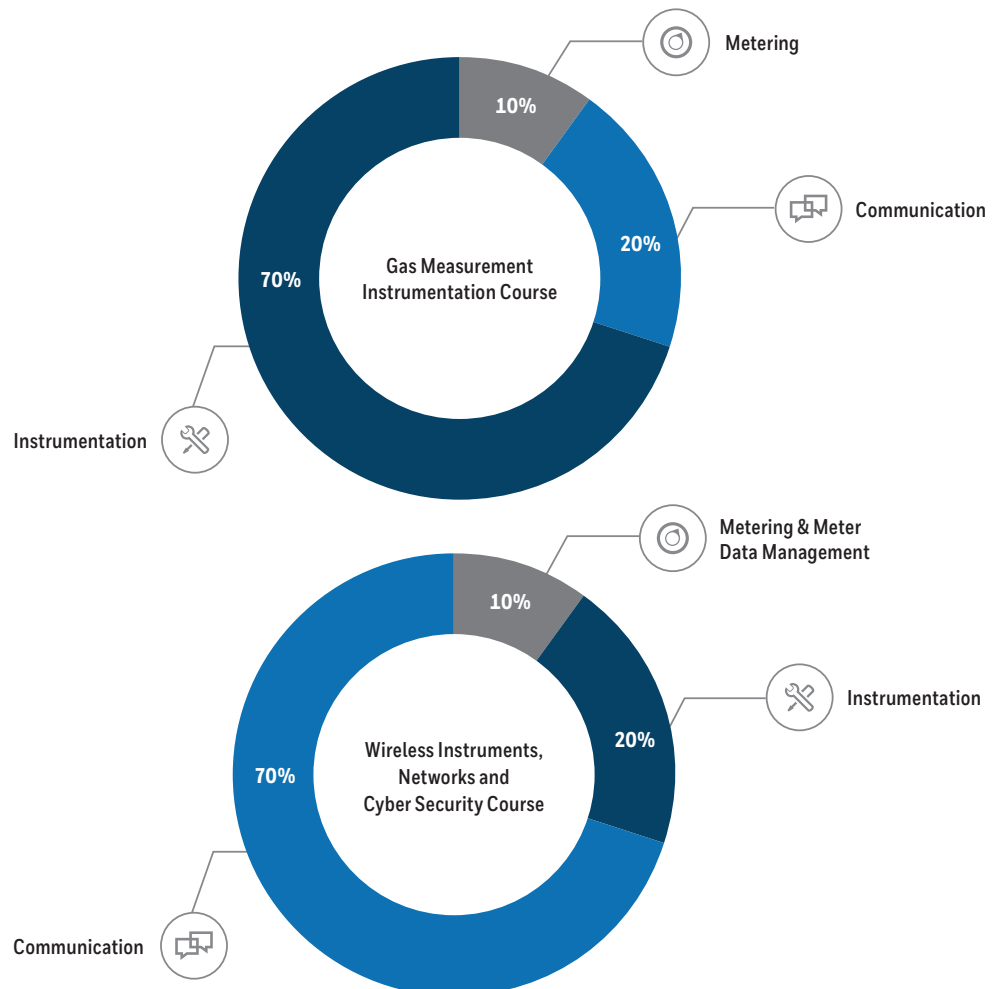


To keep in touch with technologies and product evolution, the Honeywell Mercury Instruments training has been reorganized in 2 major courses.

**Course 1 :** Instruments focus

**Course 2 :** Communications and networks focus

These classes will be held by several Subject Matter Experts bringing years of experience in Honeywell Mercury Instruments products.



% time spent of Instrumentation, Metering or Communication content during the training...

# 1. Gas Measurement Instrumentation

Honeywell can help you understand the basics of electronic gas volume corrector measurement and pressure monitoring. Attend our training class and gain hands-on experience with the EC 350 volume correctors, ERX 350 Pressure Monitor, TCI Temperature Compensating Index and MasterLink software. The course also reviews basic gas laws and pulse output operation.

## Day 1

- Basic operating principals, installation and operation
- Display, keypad, alarms
- MasterLink features
- Configuring with new MasterLink R510
- Pulse outputs
- EC350 Rotary Mount
- ERX350 Pressure Monitor

## Day 2

- Calibration
- Modbus
- Use with an integral CloudLink modem
- Power options
- Security/access levels
- Reverse flow detection
- Troubleshooting EC350 and ERX350

## Day 3

- TCI introduction
- Maintenance
- Firmware upgrade
- Adding to common billing/meter data management software

Course dates:

[October 9-11, 2018](#)

[April 23-25, 2019](#)

[September 24-26, 2019](#)

# 2. Wireless Instrumentation and Telemetry

It's more important than ever to become familiar with wireless remote monitoring and data acquisition technology. With Honeywell's instruction, you'll learn how to implement and operate a wireless telemetry system in your facility. This course covers the latest 4G communication equipment, use of private networks, Network architecture, connection to third party billing systems and cybersecurity.

## Day 1

- Latest trends in 4G cellular networks
- Network Architecture and Topology
- Private Networks
- Cyber Security
- TDS and MDM

## Day 2

- Features and configuration of CloudLink 4G modem
- Features and configuration of Sierra Wireless RV50 modem
- MiWireless

## Day 3

- Meter Data Management Solutions
- Connection to third party systems

Course dates:

[October 23-25, 2018](#)

[May 14-16, 2019](#)

[October 22-24, 2019](#)

## 3. Trainings

### Onsite Training

Onsite customer trainings can be provided on request and will be tailored to the needs of the requestor. It may be a subset of topics offered in any of the above classes plus additional topics as needed by the customer.

#### Cost

\$2800.00 USD will be the cost for providing onsite training which includes travel, meal and hotel expenses of the trainer. A specific quote will be provided to the requestor depending on the exact content and duration of the training.

#### Expected Benefits

- **Improved Skills:** Honeywell's training courses provide the instruction needed for technicians and field operators to employ the latest electronic gas instrumentation.
- **Increased Knowledge:** By attending formal training, personnel expand their knowledge of critical gas industry operations and learn how to put Mercury Instruments solutions to work in their facilities.
- **Greater Confidence:** Nothing is more important than a well-trained staff to optimize performance and profitability. With Honeywell training assistance, facilities can significantly improve the ROI on advanced technology and gain a competitive edge.

**All courses include a Certificate of Achievement awarded to each student upon completion.**



#### For more information

<http://www.mercuryinstruments.com>.

#### Honeywell Process Solutions

1280 Kemper Meadow Drive  
Cincinnati, OH 45240  
Phone: +1 (855) 251-7065  
[www.honeywellprocess.com](http://www.honeywellprocess.com)

### Classroom Training

#### Location

In Cincinnati, training courses are offered at the Honeywell facility on Kemper Meadow Drive on Tuesdays and Wednesdays (8:30am-5:00pm EST) and conclude on Thursday (8:30am-3:00pm EST).

#### Hotel Information

Please contact our preferred Hotel for your stay and receive our room block rate at \$99 per night which includes breakfast.

Spring Hill Suites by Marriott Cincinnati  
12001 Chase Plaza Drive  
Cincinnati, Ohio 45240  
513-825-9035

<http://www.marriott.com/hotels/travel/cvgfp-springhill-suites-cincinnati-north-forest-park/>

#### Cost

Tuition is

- \$400 for the Gas Measurement Instrumentation training
- \$600 for the wireless Instrumentation and telemetry training

Cost is per student and covers course materials, handouts, morning refreshments and noon meals as well as an evening group dinner. Each student is responsible for transportation and hotel charges, all remaining meals, and any personal expenses.

#### Other Requirements

Laptop with Windows 7 (or greater), RS-232 serial connectivity, administrative rights to allow software installation and file copying.