Course Overview

Course number:  TDC-512  
Course length:   5 days

This course provides knowledge on the basic system topology from the Global User Station (GUS) or Universal Station (US) through to the Hiway network using redundant Hiway Gateways (HG).

Basic Controller (CB), Process Interface Unit (PIU), Multifunction Controller (MC) and Advanced Multifunction Controller (AMC), and Uninterrupted Automated Controller (UAC) are covered during this course.

This is the prerequisite for further in depth system implementation, operation or configuration training on either Hiway or UCN controlled from LCN or Experion levels.

Course Benefits

- Conceptual understanding of the basic system maintenance

Course Delivery Options

- In-Center Instructor-Led Training

Who Should Take This Course?

- Maintenance engineers responsible for maintaining basic system

Prerequisite/Skill Requirements

Prerequisite Course(s)

- None

Required Skills and/or Experience

- None

Desirable Skills and/or Experience

- Knowledge of specific Honeywell system topology is useful, to help concentrate on specific needs

Course Topics

Basic Controller Maintenance:

- Identify system components including the CB, the Hiway Traffic Director (HTD) and the Uninterrupted Automatic Controller (UAC)
- Identify, calibrate and operate the Analog Display
- Operate control loops, cascades and the HTD
- Troubleshoot CB

Process Interface Unit Maintenance:

- Identify High Level Process Interface Unit (HLPIU) Hardware
- Operate HLPIU Points
- Troubleshoot HLPIU

Multifunction Controller Maintenance:

- Identify system components including MC and UAC
- Identify MC
- Identify, calibrate and operate the Analog Display
- Troubleshoot MC
- Use MC Hiway Commands

Advanced Multifunction Controller Maintenance:

- Identify AMC Hardware
- Identify Redundant AMC Hardware
- Operate MC/AMC Points
- Troubleshoot AMC
- Use Redundant AMC Hiway Commands

Additional Training

To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.honeywellprocess.com/en-US/training.