

# Adv. Process Control: Fundamentals - Profit Controller Maintenance



## Course Overview

Course number: APC-4523

Course length: 4.5 days

**Are you responsible for maintaining Profit Controller applications? Want to learn how to improve the performance of Profit Controller applications?**

The course provides an ideal opportunity for Process Control Engineers to enhance their understanding of the Profit Controller package, to learn how to evaluate the performance of their applications, and to adjust the application models and tuning parameters for improved controller performance. Steps for methodical troubleshooting are presented and reinforced with hands-on laboratory exercises.

## Course Benefits

**Learn how to evaluate and improve the performance of Profit Controller applications**

- Learn how to address controller performance issues
- Know how and when to apply the more advanced configuration and tuning features
- Learn steps for modifying a controller's structure – adding and deleting models and variables
- Expedite problem resolutions with a troubleshooting methodology
- Understand Profit Controller messages
- Manage application security
- Help operators use the controller more effectively

## Course Delivery Options

- In-Center Instructor-Led Training
- On-Site Instructor-Led Training

## Who Should Take This Course?

### Process Control Engineers

- Responsible for designing, implementing, and/or supporting Profit Controller applications
- Wanting to update their Profit Controller knowledge
- Making multivariable controller technology purchase decisions

## Prerequisite/Skill Requirements

### Prerequisite Course(s)

- APC-4516

### Required Skills and/or Experience

- Understand Basic Process Control

### Desirable Skills and/or Experience

- Have implemented Profit Controller applications

## Course Topics

### The following topics are covered

- Review of Profit Controller concepts, features, and tuning parameters
- Controller Performance Analysis
- Process Model Evaluation
- Controller Performance Improvement
- Controller Message Use
- Troubleshooting Steps and Tools
- Controller Modification
- Security/Software Management
- Tips for Developing Effective Operators

## 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](http://www.honeywellprocess.com/en-US/training).**