

# Profit Controller Maintenance



## Course Overview

**Course number:** 4523

**Course length:** 3.5 days

### **Need to maintain Profit® Controller applications and to learn how to improve the performance of Profit Controller applications?**

The course provides a full understanding of the Profit Controller package. Participants 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)

- Completion of 4516 Course.

### Desirable Skills and/or Experience

- Understanding Basic Process Control.

## 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 Information

For additional information, please contact [automationcollege.hpsemea@honeywell.com](mailto:automationcollege.hpsemea@honeywell.com).