

# Advanced Alarm Management User



## Course Overview

**Course number:** 4425

**Course length:** 3.5 days

**Protect plant profitability by reducing the frequency and impact of abnormal situations.**

This course provides knowledge to optimise operator effectiveness, eliminate incidents or reduce their impact. It is an introduction to the configuration and usage of the AAM product suite:

- Alarm Configuration Manager: ACM is a DCS-independent application that helps keep processes safe and profitable with an array of alarm system management features.
- UserAlert: UA can keep operators and others informed of situations that may be unrelated to alarms (such as dates and times) or that are early indicators of trouble but not yet worthy of alarm status. This frees the alarm system for its intended use.
- Alarm & Event Analysis: AEA is a powerful tool for analyzing specific events to evaluate human responses and to identify root causes.

## Course Benefits

Participants acquire the required skills and knowledge to:

- Create or modify assets using the Enterprise model Builder (EMB).
- Manage the configuration of alarms for the control system.
- Display on-line alarm help, including alarm cause, consequences, and suggested actions.
- Use ACM for Mode Based Alarming.
- Monitor process conditions and alert operators via displays, emails and pagers.
- View and schedule reports, which measure the actual alarm performance against standard or custom performance targets.
- Identify potential problem areas with the alarm system, and focus alarm system improvement efforts on the items with the biggest payback.
- Drill down and transform data in reports to expose the most important data.

## Course Delivery Options

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

## Who Should Take This Course?

- Process Engineers.
- Shift Supervisors.
- Lead Operators.
- Personnel responsible for the design, rationalization and implementation of the alarm hierarchy.
- Personnel responsible for tracking alarm performance against key performance indicators.

## Prerequisite/Skill Requirements

### Prerequisite Course(s)

- None.

### Required Skills and/or Experience

- Familiarity with the configuration of alarms and site operating environment.
- Familiarity with Windows.

## Course Topics

- Module 1 - Alarm Management Overview.
- Module 2 - Experion Application Framework (EAF).
- Module 3 - Alarm Configuration Manager (ACM).
- Module 4 - UserAlert (UA).
- Module 5 - Alarm and Event Analysis (AEA).

## Additional Information

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