Course Overview

Course number: UOP-0007-S
Course length: 4.5 days

CCR Platforming™ Process Advanced**

This is an advanced course that provides an in-depth examination of the CCR Platforming unit. It is intended for experienced personnel who need a thorough technical understanding to optimize the unit. The course emphasizes process variables, unit optimization, and troubleshooting. The topics apply to atmospheric, pressurized, and CycleMax regenerators. Led by UOP process and equipment experts, lectures are combined with question-and-answer sessions and discussion is encouraged. Class participants gain a broad working knowledge of CCR Platforming that enables them to keep abreast of the evolving technology.

Course Benefits

You will acquire the necessary skills and knowledge to:

- Describe the fundamentals of the process
- Understand current and future regulatory impacts
- Identify mechanical issues specific to the Platforming reactors and mitigate these issues
- Identify design features of new reactors that may benefit existing units
- Identify the features and benefits of state-of-the-art control systems
- Compare UOP catalyst offerings for improved yields or activities
- Understand revamp engineering considerations
- Examine the key variables and functions of regenerator operations
- Describe the maintenance and reliability concerns of the major pieces of CCR Platforming equipment
- Compare and contrast the various options available to manage chloride
- Complete plans for upcoming turnarounds
- Troubleshoot typical operating problems

Course Delivery Options

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

Who Should Take This Course?

This course is designed for process engineers with at least 3 years of experience who need a thorough technical understanding to optimize CCR Platforming unit operations. Senior operations personnel will also benefit.

**Attendance is limited to current UOP license holders and UOP catalyst users.

Prerequisite/Skill Requirements

Prerequisite Course(s)

- None

Required Skills and/or Experience

- None

Desirable Skills and/or Experience

- None

Course Topics

You will learn......

- Process and catalyst chemistry
- Effects of process variables
- Product properties
- Environmental issues
- Regenerator operation - optimization and special situations
- Reactor coking
- Chloride management
- Performance enhancements from new catalyst use
- Catalyst change-out considerations
- New developments in instrumentation
Course Topics continued

You will learn…..

- New developments in unit design
- Revamps
- Troubleshooting
- Mechanical aspects (e.g., turnarounds)
- Bed pressures
- Catalyst pinning
- Equipment topics (e.g., Combined Feed Exchangers)
- Fired heaters
- Rotating equipment

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.