Course Overview

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**Course number:** UOP-0006-S  
**Course length:** 4 days

**UOP CCR Platforming™ Process – Standard for CycleMax and Atmospheric** (includes WBT)

This course provides an overview of the UOP CCR Platforming units with an Atmospheric or Cyclemax regenerator, however, there will be time for questions specific to Pressurized regenerators as well. The principles of catalyst regeneration and the regeneration tower operation are addressed, including how to optimize catalyst performance and maximize catalyst life. This is a discussion-based session, led by UOP technical experts. Participants will also gain experience troubleshooting typical problems through working with a team to complete problem solving exercises – information that can put to immediate use.

Parallel sessions for Atmospheric and Cyclemax Regenerators will be conducted, with time for questions on Pressurized Regenerators. Participants will attend either the Atmospheric or Cyclemax section depending on the licenses held by their company.

**Course Benefits**

You will acquire the necessary skills and knowledge to:

- Identify process flow of the CCR Platforming unit
- Describe the implications of process variable changes and their effect on performance and catalyst deactivation
- Explain the catalyst chemistry and its effect on performance
- Identify catalyst poisons
- Compare and contrast procedures for catalyst regeneration
- Explain the criteria for reactor and regenerator inspection
- Understand operating procedures and put them into practice
- Monitor process operations
- Troubleshoot typical operating problems
- Understand the principles of lock hopper logic and catalyst circulation

**Course Delivery Options**

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

**Who Should Take This Course?**

This course is designed for new process engineers or senior operations personnel who work with the CCR Platforming unit or supervise those who do.

**Prerequisite/Skill Requirements**

**Prerequisite Course(s)**  
- None

**Required Skills and/or Experience**

- None

**Desirable Skills and/or Experience**

- None

**Note:** This course has a Web-Based Training pre-requisite included that must be completed by the registrant prior to the commencement of the course. Details on how to access and complete the web-based training will be sent to the registrant’s email address a minimum of 30 days prior to the commencement of the course.

**Course Topics**

You will learn......

- Process flow
- Process and catalyst chemistry
- Reactor inspection
- Platforming process variables
- Platforming process procedures
- Platforming process poisons
- Regeneration equipment
- CCR Regenerator Section: Atmospheric and CycleMax
- Lock hopper logic
- Turnarounds
- Catalyst circulation and control
- Chloride management

**Additional Training**

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