Course Overview
Course number:  UOP-0010-S  
Course length:  4.5 days

UOP Fluid Catalytic Cracking (FCC) Adv. Course*
This advanced course provides an in-depth technical review of FCC unit operations for experienced process engineers. Process variables, controlling the heat balance, catalyst functionality and management, process optimization, fluidization, and troubleshooting are emphasized. Participants work with leading specialists in each area to discuss the engineering considerations for revamp de-bottlenecking and current control systems.

Course Benefits
You will acquire the necessary skills and knowledge to:
- Describe process variables
- Determine how to control heat balance
- Understand FCC catalysts and their function
- Describe best practices in catalyst management
- Compare process optimization techniques
- Analyze fluidization
- Use troubleshooting best practices

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 5 years of experience who need a thorough technical understanding to optimize FCC unit operations. Senior operations personnel will also benefit.

*Please note that attendance is limited to UOP license holders.

Prerequisite/Skill Requirements

Prerequisite Course (s)
- None

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- None

Course Topics
You will learn…
- Equipment health monitoring and turnaround planning
- Emissions
- Reactor and regenerator engineering
- Refractory lining
- Modern FCC catalysts
- Catalyst management
- Main fractionator processing issues
- Rotating equipment
- Process flow and control
- Fluidization
- Process variables
- Control systems
- Mechanical design updates
- Special operating topics
- Troubleshooting

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.