
Course Overview
Course number: UOP-0015-WS
Course length: 3 days

Fluid Catalytic Cracking (FCC) Simulator Training for Operations and Troubleshooting*

Led by UOP technical experts, participants will operate the simulator to get hands-on practical experience of normal operation, shut down, emergency procedures, and achieve an insight into the dynamic cause and effect relationships of the UOP Fluid Catalytic Cracking (FCC) Process. In addition, real world scenarios will be provided to enable participants to develop an understanding of unit operations and troubleshooting skills. The hands-on nature of the UOP training simulator allows the student to “learn by doing” and will result in an improved retention of skills and knowledge.

Course Benefits
You will acquire the necessary skills and knowledge to:

- Describe the function and operation of the UOP FCC process
- Understand process variable interactions
- Prepare for safe flawless start up
- Improve safety, reliability, and operational efficiency of the UOP FCC Process by the ability to recover from various upsets and malfunctions
- Troubleshoot the FCC process
- Reinforce classroom learning and accelerate the development of knowledge through intensive practice on the simulator. Things that would normally take years of experience on the real unit.

Who Should Take This Course?
This course is designed for process engineers and operations personnel who work with the FCC unit or supervise those who do.

*Attendance is limited to UOP license holders using UOP catalyst.

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…

- Introduction of the Simulator / Learner interface
- Normal Operations with Process Variable Manipulation
- Troubleshooting Scenarios and Exercises

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.