



COST ENGINEERING  
**ACADEMY**

# Turnaround Management & Control Course

Also available as Live Virtual Course

**Turnaround Management & Control Course** Proper preparation will make the difference between a successful turnaround and a failure. While turnarounds are so critical to a plant reliability, and therefore the company's profitability, it is amazing how many difficulties organizations have in planning and executing them properly.

## About the course

Cost Engineering Academy's Turnaround Management and Control Course aims to combine knowledge and experience in one interactive package to help you and your organization improve your skills and techniques to better manage and control shutdown, turnaround and outages (STOs). Get to know other experts and deepen or broaden your knowledge about this exciting field.

By effectively combining knowledge and practice, Cost Engineering Academy aims to familiarize you with the methods you can use immediately after the course. As the part of the interactive sessions, you will be given case studies based on the real project situations that need to be solved in groups. These cases will allow you to put the knowledge you have just gained into practice.

During the course, you will first learn about the phases and processes of a turnaround and how to manage them. You will learn how to plan for cost, time, safety and quality and prevent common pitfalls. The second part of the course brings you more in-depth knowledge about all aspects of turnaround project controls. You will learn about the processes and techniques, after following this course, participants will be ready to directly apply what they have learned during their next turnaround.



## Who should attend?

This course is suitable for everyone who is part of any team that executes industrial turnarounds.

The course content, practical exercises and cases are focused on the process industry. This typically includes (petro) chemical, power, mining, food, pharmaceutical, waste, etc.

### Recommended for

- Turnaround/shutdown manager
- Plant/Site manager
- Project/maintenance managers and engineer
- Finance executive/manager
- Cost engineer
- Work planner
- Cost estimator
- Contract manager
- Scheduler
- Cost controller
- Risk manager
- O&M supervisors/staff
- Members of the purchase department
- Members of a tendering team
- Members of a turnaround team

## What you will learn

### Introduction to the turnaround world

- Concepts
- Situation analysis
- Understanding and managing the phases and aspects of a turnaround
- Initiation phase
- Scoping
- Work planning
- Scheduling
- Site plan & temporary facilities
- Safety & quality
- Execution
- Close-out

### Turnaround project controls

- Turnaround economics
- Estimating & budgeting
- Contract management & tendering
- Scheduling
- Cost control
- Progress management
- Change management
- Benchmarking
- System integration

## Course Details



### Course format

#### *Classroom course*

Classroom course at the office in Zwijndrecht, The Netherlands or at a location of your choice.

#### *Live virtual course*

An online live classroom setting in which you will be able to engage with the instructor and the rest of the learners.



### Duration

The duration of this course is 5 days. Every day will start at 9:00 and end at approximately 17:00.



### Requirements

Basic understanding of projects, maintenance or turnarounds. No specific educational requirements are defined.



### Language

Course material is in **English**. Lessons are taught in **Dutch** in case all participants speak Dutch.



### Drinks & Lunch Included

Drinks & Lunch Included Drinks & lunch are **included in the price** for the classroom course at Cleopatra Enterprise. All other costs, like travel and accommodation, are not included in the price.



### Locations

Cleopatra Enterprise office in **Zwijndrecht, The Netherlands** – easily reachable from Amsterdam Schiphol airport by public transportation. The live virtual course is available online from any location around the world. Please inquire for the possibilities to follow this course at your location.



### Price

€ 4000,-

The price is the same for classroom course and live virtual course as Cost Engineering Academy ensures that the quality of the course and the efficiency of participation don't change based on the course format.

## Contact us

[Academy@cleopatraenterprise.com](mailto:Academy@cleopatraenterprise.com)

Send us a message for more information or call **+31 (0)78 - 620 0910** to contact us directly.

## Upcoming dates & online registration

For upcoming dates and online registration of this course, please visit <https://www.costengineeringacademy.eu/>