



Turnaround, Shutdown and Outage Management - TSOM

COURSE

About the Course

Scheduled turnarounds are difficult to manage. Managing a surprise shutdown or outage is like firefighting. Firefighters succeed because they know what strategies work and are highly trained to handle complex, risky situations. Uncertainty and complexity abound when a plant is down. Extra work can appear when equipment is opened and inspected. Integrating project work increases the challenge. Experienced instructors show you how to control scope uncertainty, tackle the complexity of integrating project work, and get the facility restarted.

Upon completion, you will know how to:

- Deploy scarce resources (time, people and materials)
- Complete work on time and within budget
- Utilize best practices in TSO planning, execution and closeout
- Manage engineering, maintenance, operations and project interfaces

A blend of instruction, guided discussion, and hands-on exercises using "real world" examples makes the sessions thought provoking. The exercises will include both single and group activities.

Target Audience

Managers, supervisors, engineers, schedulers in maintenance, operations, reliability, HSE, procurement and projects should attend. This course also helps business, commercial, finance and other non-technical personnel who want to know more about turnaround, shutdown and outage best practices.

You Will Learn

Participants will learn how to:

- Establish targets to ensure support from all facility stakeholders
- Develop a robust resource plan and get the resources you need
- Integrate scopes for both maintenance and projects
- Establish turnaround scope selection criteria early
- Select a computerized work system
- Address key outage constraints and operations interfaces
- Develop a robust contracting plan
- Prepare an execution plan

- Measure and control shutdown progress

Course Content

- Six-phases of turnaround, outage and shutdown management
- Issues and challenges
- Quality control
- Health, safety and environmental planning
- Computerized systems- benefits and choices
- Integrating the plan
- Managing stakeholders and resources
- Procurement and contracting
- Tracking progress and controlling change

Product Details

Categories: [Upstream](#), [Midstream](#), [Downstream](#), [Operations & Maintenance](#)

Disciplines: [Operations & Maintenance](#) [Project Management](#)

Levels: [Intermediate](#)

Product Type: [Course](#)

Formats Available: [In-Classroom](#)

Instructors: [PetroSkills Specialist](#) [Pete Luan](#) [Ken Lunsford](#)

In-Classroom Format

19 Aug '24 21 Aug '24 - | Course | In-Classroom (in Houston)

\$3,595.00