

DAY 1

Introduction to Shutdowns, Turnarounds and Outages (STO)

- How STOs can contribute to the business
- Critical success factors
- The impact of STO strategy on return on investment
- Justification of the scope and timing
- Introduction to the STO life cycle phases
- STO risk management

DAY 2

Pre-Planning and Preparation for Success

- Communications and the role of stakeholders
- Organisation, roles and responsibilities
- Preparation critical success factors
- Programmed work scope identification and selection
- Corrective work scope identification and prioritisation
- Risk-based scope of work

DAY 3

Planning for Safety, Quality and Efficiency

- The critical outcomes of planning
- The 5Ms of work quality
- Work survey and analysis
- Estimating
- Hazards and contingency planning
- The use of planning libraries
- Work breakdown structure

DAY 4

Scheduling for On-Time Execution and Completion

- Scheduling concepts, terms, and standards

- Scheduling and resourcing trade-off techniques
- Scope-based budgeting
- Managing contracts and contractors

DAY 5

Staying in Control of Quality, Time, and Budget

- Work packages and logistics
- Quality planning and control
- Execution and schedule control
- Execution checkpoints
- Commissioning and start-up
- Administrative close-out, review and lessons learned