



## Measure, Manage, and Control Your STO Events

Shutdowns, Turnarounds, and Outages (STO) represent a significant but necessary disruption in your normal business process. With proper management, these events can be leveraged to provide a measurable strategic advantage to your organization. This course provides practical and immediately transferrable knowledge on the preparation and management of industrial STO events. It concludes with a visioning exercise to design a framework from scratch, or identify improvements to existing STO frameworks, based on the lessons learned.

During this session, the award-winning Outage! business simulation will be leveraged to prepare for and execute an outage, all from the safety and comfort of the classroom.

### YOU WILL LEARN:

- How to design a fundamental outage framework to manage your STO process
- How to analyze and critique your current STO process
- The requirements for developing and delivering a communication plan in preparation for an upcoming STO event
- How to define and calculate the critical path for any set of tasks and make important management decisions based on this calculation
- How to determine the critical risk factors and the appropriate risk mitigation actions to be taken
- The techniques used to manage scope creep and how to apply them to ensure scope freeze
- What is necessary for developing a post-outage review report and corresponding improvement plan
- How to optimize the duration of individual tasks, and thus optimize the overall STO duration
- How to establish a set of metrics to measure the success of your STO event
- Visual management techniques for managing the performance of your STO event and how to apply them
- How to use a Gantt chart to track and report STO progress
- How to develop an actionable plan to map future improvement activities in your STO process

### TARGET AUDIENCE:

- Maintenance or Operations Superintendents
- Maintenance Managers
- Shutdown Managers
- Maintenance Planners
- Reliability Engineers
- Anyone involved in the preparation, management, and execution of an industrial outage, shutdown, or turnaround

### COURSE DURATION

3 Days

This course is offered in both public and private settings.

