Course Overview:

Complexity of maintenance emerges from the variability of Maintenance tasks, the impossibility of expecting most of the failures and hence the repair request, and the variety and the limitation of resources to be applied.

Course Objective:

- Increase personnel productivity
- Apply Life Cycle cost and risk planning at facility assets
- Target Maintainability and Reliability in the development of facility maintenance plans
- Understand how to decide rationally what maintenance activities to outsource and what is not
- Understand the different types of maintenance contracts
- Learn how to define service levels and monitor the contractor performance
- Learn how to develop a maintenance contract
- Recognize the pitfalls
- Understand how to evaluate the delivered performance of all parties involved

Course Outline:

- Definitions of reliability, maintenance & asset management
- The total cost of maintenance
- Best practice reliability and maintenance processes
- Best practice asset management
- Reliability& maintenance information requirements
- Inventory impact and costs
- Selecting reliability & maintenance tactics
- Predictive maintenance & condition monitoring
- Developing and selecting predictive maintenance systems
- Life cycle reliability assessment best practices
- Developing best practice maintenance programs
- Maintenance contract types
- Choosing the right contractor
- Costing the service
- Use of balanced scorecard with performance contracts
- Interactive exercise and examples

Who Should Attend:

- Anyone who want to update himself on Reliability, Maintenance, Maintenance Contracts
- Anyone who have been assigned the responsibility to develop a maintenance strategy

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation