

Course Overview:

This course is designed for professionals managing the transitional phases in industrial operations—pre-commissioning, commissioning, and start-up. It equips participants with the skills necessary to ensure smooth handovers, minimize downtime, and enhance system safety and reliability. It is ideal for teams engaged in launching or revamping engineering systems and infrastructure.

Course Objective:

- Plan and execute pre-commissioning activities with safety and quality at the forefront.
- Implement commissioning strategies that align with operational goals.
- Coordinate start-up operations for performance verification and seamless handover.
- Identify and solve commissioning and start-up issues effectively.
- Ensure project alignment through robust documentation and stakeholder communication.

Course Outline:

1. Fundamentals of Pre-Commissioning
 - Planning and Preparation
 - System Checks
 - Safety Procedures
2. Commissioning Strategies
 - Process Implementation
 - Team Roles and Responsibilities
 - Documentation and Reporting
3. Start-Up Operations
 - Operational Testing
 - Troubleshooting
 - Performance Verification
4. Safety and Quality Control
 - Risk Assessment
 - Quality Standards
 - Environmental Considerations
5. Project Management in Commissioning
 - Project Scheduling
 - Resource Allocation
 - Stakeholder Communication
6. System Integration and Handover
 - Functional Testing
 - System Integration
 - Handover Documentation
7. Troubleshooting and Problem Solving
 - Identifying Issues
 - Analytical Techniques
 - Corrective Actions

Training Language:

English/Arabic

Training Methodology:

The course combines various teaching methods, including instructor-led presentations, group discussions, case study analyses, and assessments through quizzes and a final exam to engage participants and ensure they understand and retain the material.

Venue | Date | Fees

Jubail | 20-07-2025 | 17,250 SAR

8. Case Studies and Best Practices

- Real-World Scenarios
- Lessons Learned
- Best Practice Guidelines

Who Should Attend:

- Project Managers
- Commissioning Engineers
- Maintenance Supervisors
- Operations Managers