



احتراف إدارة مشاريع التوقفات والصيانة: من البدء للتنفيذ



AGILE LEADERS
Training Center

22 Nov - 03 Dec 2026

جوهانسبرغ



احتراف إدارة مشاريع التوقفات والصيانة: من البدء للتنفيذ

الرجوع: 103600266_70787 التاريخ: 22 Nov - 03 Dec 2026 الموقع: جوهانسبرغ الرسوم: Euro 10000

Course Overview:

This course offers essential training for professionals managing shutdown and turnaround projects. It covers key areas such as project initiation, execution, scheduling, cost control, and risk management, specifically for these projects. Participants will master industry best practices, closing techniques, and reporting strategies to enhance project performance. With a focus on the oil, gas, and petrochemical industries, the course includes case studies, discussions, and practical exercises. By the end, attendees will be prepared to manage all phases of shutdown and turnaround projects effectively.

Target Audience:

- Shutdown & Turnaround Managers
- Project Managers & Engineers
- Maintenance & Reliability Engineers
- Planning & Scheduling Professionals
- Operations & Maintenance Supervisors
- HSE Managers & Safety Officers

Targeted Organizational Departments:

- Maintenance & Operations
- Project Management
- Engineering & Construction
- Health, Safety & Environment HSE
- Supply Chain & Procurement
- Finance & Cost Control

Targeted Industries:

- Oil & Gas
- Petrochemical & Refinery
- Power & Energy
- Manufacturing & Heavy Industries
- Chemical Processing Plants

Course Offerings:

By the end of this course, participants will be able to:

- Develop effective shutdown and turnaround project plans
 - Implement risk-based turnaround planning
 - Optimize shutdown project scheduling
 - Apply cost estimation and control strategies
- Manage contractors and turnaround workforce efficiently
 - Ensure safety compliance and risk mitigation
 - Utilize KPI tracking for turnaround success
 - Execute post-shutdown audits and reporting

Training Methodology:

- Real-world turnaround project management scenarios Case Studies: •
- Collaborative problem-solving Group Work & Discussions: •
- Hands-on scheduling, cost control, and risk assessment workshops Practical Exercises: •
- Engaging lectures with industry insights Interactive Presentations: •
- Industry professionals sharing their experiences Expert-Led Sessions: •
- : Addressing participants' queries in-depth Q&A and Feedback Sessions •

Course Toolbox:

- Comprehensive course ebook
- Industry best practices checklists & templates
- Turnaround project benchmarking guides
- Risk assessment and mitigation frameworks
- Sample audit and compliance documentation

Course Agenda:

Day 1: Introduction & Planning

- Introduction to Outage Methodology Topic 1: •
- Initiating the Turnaround Front End Loading Topic 2: •
- Workscope Development Topic 3: •
- Project Planning Basics Topic 4: •
- Understanding Project Objectives & Constraints Topic 5: •
- Project Stakeholder Management Topic 6: •
- Key takeaways from project initiation, scope, and stakeholders. Reflection & Review: •

Day 2: Project Execution Framework

- Detailed Project Planning Techniques Topic 1: •
- Resource Allocation & Scheduling Topic 2: •
- Shutdown Project Risk Management Topic 3: •
- Cost Estimation & Budgeting for Turnarounds Topic 4: •
- Performance Metrics & Benchmarking Topic 5: •
- Managing Scope Creep in Turnarounds Topic 6: •
- Evaluating planning, scheduling, and risk management. Reflection & Review: •

Day 3: Turnaround Preparation & Workforce Management

- Contractor Issues & Vendor Management Topic 1: •
- Safety Management in Shutdowns Topic 2: •
- Workforce Coordination & Training Topic 3: •
- Communication & Reporting Strategies Topic 4: •
- Risk Mitigation & Contingency Planning Topic 5: •
- Turnaround Organization & Leadership Topic 6: •
- Best practices in contractor, safety, and workforce coordination. Reflection & Review: •

Day 4: Shutdown Execution & Operations

- Executing the Outage Topic 1: •
- Ensuring Quality Management in Turnarounds Topic 2: •
- Material & Resource Management Topic 3: •
- Turnaround Logistics & Coordination Topic 4: •
- Real-Time Project Monitoring & Adjustments Topic 5: •
- Emergency Response Planning Topic 6: •
- Lessons from real-time monitoring and emergency planning. Reflection & Review: •

Day 5: Project Closing & Post-Shutdown Analysis

- Start-Up Planning & Readiness Topic 1: •
- Lessons Learned & Best Practices Topic 2: •
- Post-Project Evaluation & Reporting Topic 3: •
- Compliance & Regulatory Requirements Topic 4: •
- Continuous Improvement in Shutdowns Topic 5: •
- Future Planning & Strategy Development Topic 6: •
- Insights on post-project evaluation and improvements. Reflection & Review: •



Day 6: Risk & Safety Considerations

- Advanced Risk Assessment Techniques Topic 1: •
- Safety Audits & Compliance Monitoring Topic 2: •
- Emergency Preparedness for Shutdowns Topic 3: •
- Managing High-Risk Tasks in Turnarounds Topic 4: •
- Psychological & Behavioral Safety Topic 5: •
- Turnaround Contingency Planning Topic 6: •
- Reviewing safety compliance and risk mitigation. Reflection & Review: •

Day 7: Industry-Specific Shutdown Execution

- Oil & Gas Industry Turnaround Strategies Topic 1: •
- Petrochemical Shutdown Case Studies Topic 2: •
- Power & Energy Plant Turnarounds Topic 3: •
- Heavy Industry & Manufacturing Turnaround Planning Topic 4: •
- Environmental Considerations in Shutdowns Topic 5: •
- Digital Methods & Technologies in Shutdown Management Topic 6: •
- Comparing shutdown strategies across industries. Reflection & Review: •

Day 8: Turnaround Economics & Financial Controls

- Budgeting & Cost Control for Shutdowns Topic 1: •
- Contract Negotiation & Vendor Agreements Topic 2: •
- Cost-Benefit Analysis of Turnaround Strategies Topic 3: •
- Financial Risks & Mitigation Strategies Topic 4: •
- Economic Justifications for Shutdowns Topic 5: •
- Turnaround Investment Decision-Making Topic 6: •
- Cost control, budgeting, and financial strategies. Reflection & Review: •

Day 9: Performance Metrics & Optimization

- KPI Tracking for Shutdown Success Topic 1: •
- Benchmarking Against Industry Standards Topic 2: •
- Root Cause Analysis for Turnaround Failures Topic 3: •
- Process Optimization for Future Turnarounds Topic 4: •
- Case Studies in Turnaround Performance Enhancement Topic 5: •
- Leveraging Data Analytics in Shutdowns Topic 6: •
- Assessing KPIs, benchmarking, and process improvements. Reflection & Review: •

Day 10: Strategic Shutdown Planning & Final Assessment

- Developing a Turnaround Roadmap Topic 1: •
- Integrating Continuous Improvement Initiatives Topic 2: •
- Digital Transformation in Shutdowns Topic 3: •
- Sustainability & Environmental Impact of Turnarounds Topic 4: •
- Leadership & Change Management in Shutdowns Topic 5: •
- Final Project Evaluation & Certification Assessment Topic 6: •
- Key learnings, future planning, and personal takeaways. Reflection & Review: •

FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course? •

This course is designed for professionals with experience in project management, maintenance, operations, or shutdown coordination. A basic understanding of project lifecycle principles is beneficial but not required.

How long is each day's session, and is there a total number of hours required for the entire course? •

Each day's session lasts approximately 4-5 hours, including breaks and interactive activities. The total course duration is 10 days, approximately 40-50 hours.

How does this course ensure the practical application of the concepts learned? •

The course integrates real-world case studies, role-playing exercises, and interactive problem-solving workshops to help participants apply their learning directly to industry scenarios.

How This Course is Different from Other Shutdown & Turnaround Courses:

This course offers a hands-on approach to managing shutdown and turnaround projects, covering the entire project lifecycle. Participants will learn from real-world case studies in the oil and gas, petrochemical, and energy sectors. The program includes interactive methods for improving reporting and compliance, allowing participants to gain practical insights from experienced industry experts.



فئات الدورات التدريبية



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دورات إدارة و تطوير الموارد البشرية



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دورات التدريب القانوني والمشتريات والتعاقدات



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دورات النظم السيرياني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



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دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة
الهائية



دورات مكتب إدارة المشاريع وإدارة المشاريع
الرشيقية



دورات معتمدة من قبل هيئات دولية

مدن التدريب



اسطنبول - تركيا



أموستردام - هولندا



أنقرة - تركيا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلاند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

مدن التدريب



جاكرتا - جمهورية اندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



برشلونة - اسبانيا



روما - ايطاليا



دبي - الامارات العربية المتحدة



جوهانسبرغ - جنوب افريقيا



جنيف - سويسرا



شهر الشيخ - مصر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة
الامريكية



زنجار - تنزانيا



طوكيو - اليابان



طشقند - اوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة
الامريكية

مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



AGILE LEADERS
Training Center

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