الدورة التدريبية لإتقان تحليل التأخير في عقود الإنشاءات

14 - 18 Sep 2026

أمستردام

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الدورة التدريبية لإتقان تحليل التأخير في عقود الإنشاءات

المرجع: 36331_24715 التاريخ: 14 - 18 Sep 2026 الموقع: أمستردام الرسوم: Euro 5700

Course Overview:

The Mastering Delay Analysis in Construction Contracts Training Course equips professionals with advanced Methods to navigate and analyze delays in construction projects. Participants will learn to identify construction delays, understand the delay claim life cycle, and use industry-standard techniques to resolve project delays effectively. The course covers practical methodologies such as As-Planned vs. As-Built analysis, forensic schedule analysis, and the application of the SCL Delay and Disruption Protocol. Through case studies and interactive sessions, professionals will master delay analysis techniques while adhering to construction contract compliance and mitigating risks in construction projects.

Target Audience:

- Project Managers in the construction industry
- Contract Managers and Construction Lawyers
- Delay Analysts and Forensic Schedulers
- Construction Engineers involved in project planning
- Quantity Surveyors and Claims Consultants

Targeted Organizational Departments:

- Project Management and Planning Departments
- Construction Legal and Claims Teams
- Engineering and Operations Management
- Contract Administration and Compliance Departments

Targeted Industries:

- Construction and Infrastructure Development
- Real Estate and Property Management
- Engineering and Architectural Firms
- Oil and Gas Infrastructure Projects
- Government and Municipal

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Course Offerings:

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

- Identify and analyze construction delays and delay claim life cycles.
- Effectively apply CPM programming techniques and validate project baselines.
- Perform As-Planned vs. As-Built analysis and handle concurrent delays.
- Implement the SCL Delay and Disruption Protocol and conduct forensic schedule analysis.
- Mitigate delays through acceleration strategies, manage total float, and prepare claims using electronic records.

Training Methodology:

This course will use case studies, group discussions, and workshops to teach delay analysis techniques. Participants will analyze real construction projects, learn critical path methods CPM and disruption analysis, practice negotiation, and work with project data to handle delays effectively.

Course Toolbox:

- ebooks on delay analysis techniques
- Templates for baseline validation, total float management, and programme approval
- Checklists for disruption and delay claims

Course Agenda:

Day 1: Introduction and Basics of Delay Analysis

- Introduction to Construction Delays Topic 1:
- Identifying Construction Delays Topic 2:
- Analysing Construction Delays Topic 3:
- Delay Claim Life Cycle Topic 4:
- Burning Issues in Delay Analysis Topic 5:
- Case Study on Delay Analysis Topic 6:
- Reflecting on the fundamentals of delay analysis and identifying the first steps in Reflection & Review: dealing with delays.

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Day 2: Construction Programming Techniques

- Topic 1: Introduction to Construction Programmes
- Topic 2: Project Planning and Work Breakdown Structure
- Topic 3: CPM Programming Techniques Activity Durations and Relationships
- Topic 4: Event Date Calculations Forward and Backward Pass
- Topic 5: Total Float and Constraints in Project Planning
- Topic 6: Baseline Validation Techniques
- Reflection & Review: Review of planning and programming in construction and discussion on CPM programming.

Day 3: Delay Identification and Analysis

- Topic 1: Identifying Delay Events
- Topic 2: Delay Identification and Recording Techniques
- Topic 3: Introduction to Disruption and Delay
- Topic 4: Calculating Disruption and Establishing Cause
- Topic 5: Total Cost Claims and Global Claims in Construction
- Topic 6: Measured Mile Analysis for Delay Claims
- Reflection & Review: Reflecting on delay identification, calculation, and global claims.

Day 4: Advanced Delay Analysis Techniques

- Topic 1: Introduction to Delay Analysis Techniques
- Topic 2: Using CPM Techniques for Delay Analysis
- Topic 3: Additive Methods of Delay Analysis
- Topic 4: Impacted As-Planned and Time Impact Analysis
- Topic 5: Collapsed As-Built and As-Built Based Methods of Analysis
- Topic 6: Selection Criteria and SCL Delay and Disruption Protocol
- Reflection & Review: Review of advanced techniques for delay analysis and introduction to SCL protocol.

Day 5: Problematic Issues and Delay Mitigation

- Topic 1: Float and Delay Claims in Construction
- Topic 2: Concurrency and Delay Analysis in Construction Contracts
- Topic 3: Acceleration and Mitigation Strategies for Delays
- Topic 4: Effective Presentation of Delay Analysis
- Topic 5: Case Study: Airport Terminal Expansion and Delay Analysis
- Topic 6: Practical Application: Preparing Graphical Presentations and Reports for Delays
- Reflection & Review: Review of problematic issues in delay analysis and practical tips on mitigating delays.

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How This Course is Different from Other Courses:

The Mastering Delay Analysis in Construction Contracts Training Course provides an immersive, hands-on experience with practical applications of delay analysis techniques. Unlike other courses, this program emphasizes real-world problem-solving through comprehensive case studies. Participants will gain the robust ability to apply advanced Methods such as forensic schedule analysis, SCL Delay Protocol, and total float management to their own projects, ensuring they can effectively navigate and resolve delays. With personalized feedback and interactive sessions, this course guarantees that each participant leaves with a deep understanding of construction project planning, disruption analysis, and time control strategies that they can immediately implement in their careers.

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فئات الدورات التدريبية

الدورات التدريبية في مجال البيئة والاستدامة

دورات إدارة الجودة وتطوير العمليات

دورات إدارة و تحليل البيانات ودورات علم البيانات

دورات إدارة و تطوير الموارد البشرية

دورات الأمن السيبراني ودورات تقنية المعلومات

دورات الاتصال الجماهيري و السياسات والعلاقات العامة

دورات التدريب القانوني والمشتريات والتعاقدات

دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات

دورات الحوكمة وإدارة المخاطر والامتثال

دورات السكرتارية و إدارة المكاتب

دورات الصحة والسلامة والأمن المهني

دورات الصيانة ودورات المجالات الهندسية المتنوعة

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فئات الدورات التدريبية

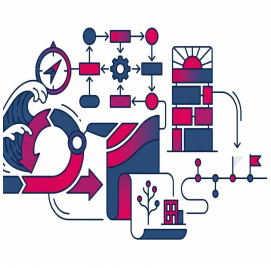
دورات المحاسبة و التمويل و دورات الإدارة المالية

دورات المهارات الشخصية وتطوير الذات

دورات في مجالات القيادة والإدارة

دورات معتمدة بشهادة CPD

دورات معتمدة من قبل هيئات دولية



دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقة

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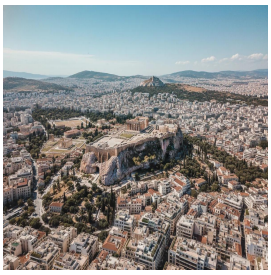
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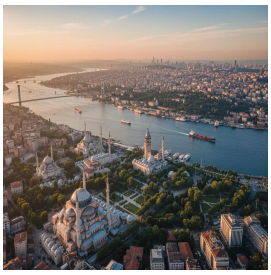
أكرا - غانا

أمستردام - هولندا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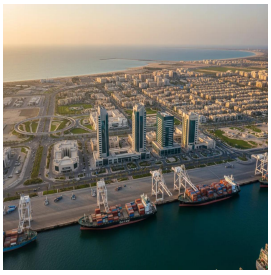
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الدار البيضاء - المغرب

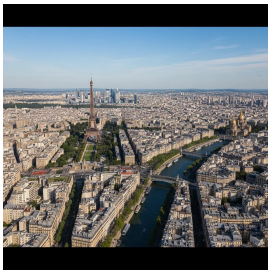
الدوحة - قطر

الرياض - المملكة العربية السعودية

القاهرة - مصر

الكويت - الكويت

المنامة - مملكة البحرين


باريس - فرنسا

باكو - أذربيجان

بالي - جمهورية إندونيسيا

بانكوك - تايلند

براغ - جمهورية التشيك

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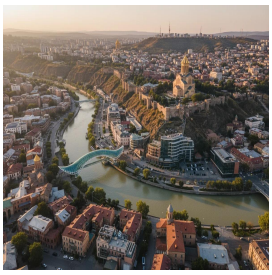
مدن التدريب

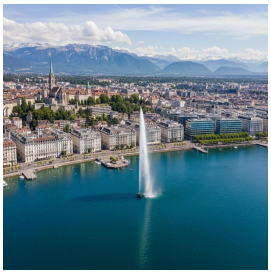
برشلونة - إسبانيا

بوكيت - تايلاند



تبليسي - جورجيا

جاكرتا - جمهورية إندونيسيا



جنيف - سويسرا

جوهانسبرغ - جنوب إفريقيا

دبي - الإمارات العربية المتحدة

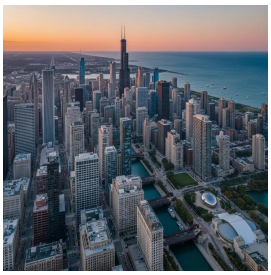
روما - إيطاليا

زنجبار - تنزانيا

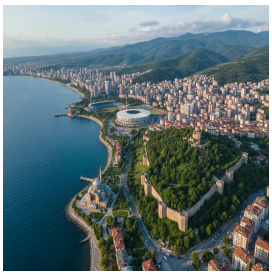
سان دييغو - الولايات المتحدة الأمريكية

سيول - كوريا الجنوبية

شرم الشيخ - مصر

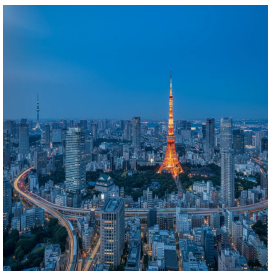


شيكاغو - الولايات المتحدة الأمريكية



طرابزون - تركيا

طشقند - أوزبكستان



طوكيو - اليابان

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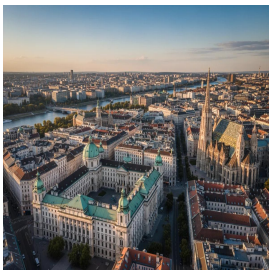
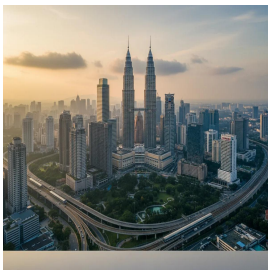
مدن التدريب

عمان - المملكة الاردنية الهاشمية

عن بعد - منصة زووم

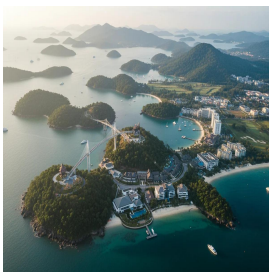


فيينا - النمسا



كوالالمبور - ماليزيا

كيب تاون - جنوب إفريقيا



لانكاوي - ماليزيا

لندن - المملكة المتحدة

ماربيا - اسبانيا

مدريد - إسبانيا

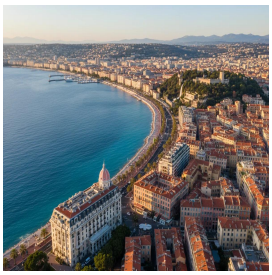
مسقط - سلطنة عمان

مونترو - سويسرا

ميلان - إيطاليا

ميونخ - ألمانيا

نيروبي - كينيا



نيس - فرنسا

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.

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