MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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QUANTITATIVE DELAY ANALYSIS & EXTENSION OF TIME (EOT)

"Master Delay Analysis Techniques and Secure Legitimate Time Extensions in Projects"

Schedule

Date	Venue	Fees (Face-to-Face)
20 – 24 Jul 2026	Dubai, UAE	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

In complex construction and infrastructure projects, delays are common—but managing them effectively requires specialized skills in forensic scheduling and contractual analysis. A sound understanding of delay analysis techniques and Extension of Time (EOT) claims is essential for ensuring contractual rights are preserved, liabilities are minimized, and disputes are avoided.

This intensive 5-day training course provides project professionals with a comprehensive framework for performing quantitative delay analysis and preparing robust EOT claims. It blends theoretical knowledge with practical exercises, using case studies and international standards (e.g., SCL Protocol, AACEI, FIDIC).

Objectives

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

- Understand causes and types of delays in construction projects
- Apply recognized methodologies of delay analysis (prospective & retrospective)
- Prepare and evaluate Extension of Time claims
- Distinguish between critical and non-critical delays
- Use project schedules to substantiate or defend delay claims

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Why Attend

- Gain expertise in the principles of forensic scheduling
- Understand international delay analysis protocols (SCL, AACE, FIDIC)
- Learn to protect your organization’s rights in delay scenarios
- Improve communication between contractors, consultants, and clients
- Reduce legal exposure through accurate and justifiable claims

Target Audience

This program is designed for:

- Project managers and planners
- Contract and claims managers
- Quantity surveyors and cost engineers
- Consultants, engineers, and site managers
- Legal professionals involved in construction disputes

Individual Benefits

Key competencies that will be developed include:

- Delay identification and classification
- Critical path method (CPM) scheduling
- Quantitative delay assessment techniques
- Claim preparation and documentation
- Analysis of concurrency and culpability

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved risk management in schedule delays
- Reduced project disputes through structured claim handling
- Enhanced contract compliance and project documentation
- Greater transparency in project reporting
- Stronger negotiation and conflict resolution capacity

Instructional Methodology

The course blends theoretical insight with applied project scenarios:

- Strategy Briefings – Delay analysis methodologies, SCL protocol, FIDIC claims
- Case Studies – Real-world project delays and EOT claim evaluations
- Workshops – Practical delay quantification and claim drafting exercises
- Peer Exchange – Cross-sector insights and discussion on local practices
- Tools – Templates for delay logs, impact analysis, and claim reports

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Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Foundations of Delay and Time Management

- Module 1: Types of Project Delays (07:30 – 09:30)
- Excusable vs. non-excusable, compensable vs. non-compensable
- Concurrent, critical, and non-critical delays
- Module 2: Contractual Frameworks (09:45 – 11:15)
- Overview of FIDIC, NEC, and SCL Protocol provisions on delay
- Module 3: Workshop – Delay Scenario Mapping (11:30 – 01:00)
- Module 4: CPM Scheduling and Float Management (02:00 – 03:30)

Day 2: Delay Analysis Techniques

- Module 5: Overview of Delay Analysis Methods (07:30 – 09:30)
- Impacted As-Planned, Time Impact Analysis, As-Built vs. As-Planned
- Module 6: Choosing the Right Method (09:45 – 11:15)
- When to use prospective vs. retrospective analysis
- Module 7: Workshop – Selecting Delay Analysis Approach (11:30 – 01:00)
- Module 8: Case Study – Comparative Method Evaluation (02:00 – 03:30)

Day 3: Preparing Extension of Time Claims

- Module 9: Components of a Successful EOT Claim (07:30 – 09:30)
- Notice, cause, effect, evidence, and entitlement
- Module 10: Evidentiary Requirements (09:45 – 11:15)
- Baseline schedules, delay events logs, contemporaneous records
- Module 11: Workshop – Drafting EOT Justifications (11:30 – 01:00)
- Module 12: Risk of Rejection and How to Avoid It (02:00 – 03:30)

Day 4: Defending and Evaluating Claims

- Module 13: Responding to Delay Claims (07:30 – 09:30)
- Review techniques, audit trails, and counterclaims
- Module 14: Concurrency and Apportionment of Delays (09:45 – 11:15)
- Analyzing shared responsibility for delay
- Module 15: Workshop – Claim Review Simulation (11:30 – 01:00)
- Module 16: Negotiation & Dispute Avoidance (02:00 – 03:30)

Day 5: Application and Final Simulation

- Module 17: Integrated Delay & EOT Case Study (07:30 – 09:30)
- Full lifecycle from delay identification to final claim
- Module 18: Drafting and Presenting Delay Reports (09:45 – 11:15)
- Module 19: Final Presentations and Peer Review (11:30 – 01:00)
- Module 20: Summary and Personal Action Plan (02:00 – 03:30)

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Certification

Participants will receive a Certificate of Completion in Quantitative Delay Analysis & Extension of Time (EOT), confirming their competence in analyzing delays, preparing claims, and ensuring contractual compliance in complex project environments.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**