Project Delay Management and Claim Assessment Masterclass

2027 □□□□□ 16 – 12
Barcelona (Spain)



Project Delay Management and Claim Assessment Masterclass

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Why This Course

Project delays and claims are among the most challenging issues in construction projects. They can affect schedules, budgets, contractual relationships, cash flow, and overall project success. Managing them effectively requires a strong understanding of delay causes, contractual obligations, schedule analysis, claim documentation, mitigation strategies, and dispute resolution techniques.

This intensive 1-week Project Delay Management and Claim Assessment Masterclass equips construction professionals with advanced practical skills to identify, analyze, mitigate, prepare, assess, and resolve delay claims. The course covers delay types, contractual frameworks, critical path analysis, time impact analysis, window analysis, as-planned versus as-built analysis, concurrent delays, claim preparation, cost impact assessment, recovery strategies, negotiation, alternative dispute resolution, and forensic delay analysis. Through case studies and practical exercises, participants will learn how to manage delay-related challenges with confidence and professionalism.

What You'll Learn and Practice

By joining this program, you will:

- Understand the causes, types, and impacts of project delays.
- Differentiate between excusable, non-excusable, and compensable delays.
- Understand claim types and assessment processes.
- Interpret legal and contractual frameworks related to delays and claims.
- Apply critical path method principles in delay analysis.
- Use time impact analysis, window analysis, and as-planned versus as-built methods.
- Analyze concurrent delays and their effect on entitlement.
- Identify, document, and evaluate delay events.
- Quantify time and cost impacts linked to delay claims.
- Prepare comprehensive claim documents and supporting evidence.
- Apply mitigation and prevention strategies to reduce delay exposure.
- Use negotiation and dispute resolution techniques for claim settlement.



The Program Flow

Day 1: Fundamentals of Project Delays and Claims

- Understand project delays and their impact on construction performance.
- Identify different types of delays and their contractual implications.
- Explore excusable, non-excusable, compensable, and concurrent delay concepts.
- Review common claim types and claim assessment processes.
- Understand the legal and contractual framework for delay claims.

Day 2: Delay Analysis Techniques

- Apply critical path method principles in delay analysis.
- Understand how schedule logic, float, and critical activities affect delay assessment.
- Use time impact analysis to evaluate the effect of delay events.
- Apply window analysis for period-by-period delay review.
- Compare as-planned and as-built schedules to identify delay causes and impacts.
- Analyze concurrent delay scenarios and related entitlement issues.

Day 3: Claim Preparation and Assessment

- Identify and document delay events using proper records and evidence.
- Quantify time impacts and cost consequences of delays.
- Prepare structured claim documents with clear narratives and supporting data.
- Evaluate contractor and employer claims using objective assessment methods.
- Develop techniques for defending claims and responding to counterarguments.

Day 4: Delay Mitigation and Prevention Strategies

- Apply risk management approaches to identify delay risks early.
- Use early warning systems to support proactive delay management.
- Develop schedule optimization and recovery strategies.
- Apply project controls and monitoring techniques to track progress.
- Manage changes effectively and assess their impact on project delay exposure.

Day 5: Dispute Resolution and Claim Settlement

- Apply negotiation strategies for resolving delay claims.
- Explore alternative dispute resolution methods.
- Understand the role of expert testimony in delay disputes.
- Review forensic delay analysis concepts and professional reporting expectations.
- Work through case studies and practical claim settlement exercises.



Individual Impact

- Build confidence in analyzing project delays and assessing claims.
- Strengthen skills in CPM, time impact analysis, window analysis, and forensic delay review.
- Improve ability to prepare, evaluate, and defend delay claims.
- Gain practical knowledge of contractual, legal, and documentation requirements.
- Enhance negotiation and dispute resolution capabilities.

Work Impact

- Improve delay management and claim handling across construction projects.
- Reduce financial and contractual exposure through better documentation and analysis.
- Strengthen project controls, early warning, and recovery planning.
- Improve claim assessment accuracy and negotiation outcomes.
- Support better relationships between project owners, contractors, consultants, and stakeholders.

Training Methodology

This program combines advanced delay and claim concepts with practical construction application through:

- Construction delay and claim case studies.
- CPM, time impact, window, and as-built analysis exercises.
- Delay event documentation and claim preparation workshops.
- Cost impact and entitlement assessment activities.
- Delay mitigation and recovery planning scenarios.
- Negotiation, dispute resolution, and claim settlement simulations.

Beyond the Course

Upon completion, participants will be able to:

- Conduct thorough delay analyses using industry-standard techniques.
- Prepare and defend robust delay claims.
- Assess time and cost impacts with stronger accuracy.
- Apply contractual and legal principles to delay claim situations.
- Manage delay risks proactively through early warning and recovery strategies.
- Negotiate and resolve claims more effectively in construction project environments.

