PARTNERS IN KNOWLEDGE UK LTD
Suite No. 129
295 Chiswick High Road
LONDON W4 4HH



Advanced Competencies for Complex Construction Projects

PIK779-0127 UK-LDN-1

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Place	: London	**Venue**	: INDUSTRIOUS (1 and 2, 245 Hammersmith Road Floors, London W6 8PW) - TBC		
Start Date	: 18-01-2027	**End Date**	: 22-01-2027	**PPP**	: £4950

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If you can't train them, you can't blame them!

Short Description:

COURSE OVERVIEW The Advanced Project and Construction Management program is designed to equip professionals with advanced competencies necessary for overseeing complex construction projects. This program emphasises the application of sophisticated methodologies and specialised tools that are tailored to address the unique challenges and intricacies of the construction industry. Through a comprehensive curriculum, participants will enhance their understanding of project management principles, enabling them to navigate the complexities of large-scale construction endeavours effectively. Moreover, the program aims to cultivate effective project leaders who can drive success in various construction environments. By focusing on strategic planning, risk management, and innovative problem-solving techniques, professionals will be prepared to lead teams and manage resources efficiently. This holistic approach not only enhances individual skill sets but also contributes to the overall advancement of the construction field, ensuring that graduates are well-prepared to tackle the demands of modern project management.

Course Overview:

COURSE OBJECTIVES

At the end of this program, participants will be able to:

- Gain essential knowledge of contracts and legal aspects.
- Learn to apply various types of agreements effectively.
- Enhance commercial awareness to ensure contract efficiency.
- Identify and mitigate risks along with their program implications.
- Understand the significance of checklists, file management, and documentation standardisation for risk reduction.
- Explore different project delivery systems and comprehend commercial liabilities related to schedule changes and variations.
- Acquire advanced scheduling skills, develop project control systems, and negotiate dispute resolution methods to prevent escalation through early identification.

TARGET AUDIENCE

- Associate Project Managers.
- Project Managers.
- IT Project Managers.
- Senior Project Managers.
- Project Coordinators.
- Project Analysts.
- Project Leaders and Team Leaders.
- Product Managers and Program Managers.
- Project Sponsors and Project Team Members.

Program Outline:

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DAY 1: The Basis of Contracting

- Principles of Good Contracting.
- Key Steps in Contract Creation.
- Tendering and Contract Award Process.
- Price vs. Value.
- Contractual Considerations.

DAY 2: Risks and Selecting The Right Contract Structure

1. Risk Assessment.
2. Contract Types Exploration.
3. Contract Selection.
4. Performance Issues Management.
5. Ownership and Risk Transfer.

DAY 3: Managing Change Within a Contract

1. Understanding Change.
2. Developing Contract Terms.
3. Strategies for Dispute Prevention.
4. Negotiation Techniques.
5. Dispute Resolution Methods.

DAY 4: Planning

1. Task characteristics, duration using planning and scheduling techniques.
2. Critical path and critical chain scheduling methods.
3. Time-cost trade-offs, lead/lag scheduling, and the implementation of critical chain scheduling.
4. Understanding the concept of risk and uncertainty.
5. Identify, analyse, and qualify risks.

DAY 5: Executing, Monitoring and Controlling

1. Implementing lean construction strategies to enhance project delivery efficiency.
2. Exploring techniques for staff acquisition, team development, and motivation.
3. Differentiating between leadership and management.
4. Utilising Earned Value to effectively report on project accomplishments.
5. Implementing risk strategies and understanding the processes involved in closing a project.