Master Construction Project Management in 1 Week | CPM Course

1 – 5 November 2027
Toronto (Canada)



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Introduction

Construction projects today operate in a high-pressure environment defined by tight schedules, strict budgets, complex stakeholder expectations, and increasing regulatory requirements. Success is no longer driven by technical expertise alone, but by the ability to plan strategically, manage risks, control costs, and lead projects from concept to completion with confidence.

This intensive 1-week Construction Project Management course delivers a comprehensive and practical understanding of the principles, tools, and best practices required to manage construction projects effectively. Participants gain hands-on exposure to the full project lifecycle—from initiation and planning through execution, monitoring, control, and successful project closure.

The program integrates global project management standards with real-world construction practices, enabling participants to manage scope, schedules, budgets, risks, quality, health and safety, and stakeholder communication in a structured and results-driven manner.

Course Objectives

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

- Understand the complete project lifecycle and key processes in construction project management
- Develop strong capabilities in project planning, scheduling, and cost estimation
- Apply effective risk management and quality control strategies for construction projects
- Manage stakeholders and communication effectively within the construction industry
- Monitor project performance and apply control techniques to ensure project success
- Execute professional project closeout procedures and capture lessons learned

Course Outlines

Day 1: Introduction to Construction Project Management

- Core principles of construction project management
- Project lifecycle phases and delivery methods
- Roles and responsibilities of project stakeholders
- Construction industry standards, regulations, and compliance requirements



Day 2: Project Planning and Initiation

- Scope definition and Work Breakdown Structure WBS
- Project scheduling techniques: CPM and PERT
- Cost estimation, budgeting, and financial control
- Resource planning, allocation, and optimization

Day 3: Project Execution and Control

- Contract administration and procurement management
- Quality management systems in construction projects
- Health, safety, and environmental HSE management
- Progress monitoring, reporting, and performance measurement

Day 4: Risk Management and Stakeholder Communication

- Risk identification, assessment, and mitigation planning
- Stakeholder analysis and engagement strategies
- Effective communication across project teams and clients
- Conflict resolution and negotiation skills for construction managers

Day 5: Project Closing and Best Practices

- Project closeout procedures and final documentation
- Lessons learned and continuous improvement practices
- Construction technology, digital tools, and innovation trends
- Ethics and professional conduct in construction management

Why Attend This Course: Wins & Losses!

- The ability to develop comprehensive project management plans for construction projects
- Practical skills to manage project risks, costs, schedules, and resources effectively
- Stronger stakeholder management and communication capabilities
- A clear understanding of construction industry best practices and emerging trends
- Increased confidence to lead construction projects from start to finish

Conclusion

This Construction Project Management course is more than a technical program—it is a professional transformation experience. It equips you with the mindset, tools, and structured methodologies required to deliver construction projects with precision, control, and confidence.

You will leave the program ready to manage complexity, align stakeholders, control risks and costs, and drive projects to successful completion while meeting quality, safety, and regulatory standards. Whether you



are managing small-scale projects or large, multi-stakeholder construction initiatives, this course positions you as a capable, trusted, and results-oriented construction project leader.

This is your opportunity to elevate your project management capability, strengthen your professional credibility, and become a driving force behind successful, sustainable construction projects.

