



SC118: Construction Management for the Project Professional

Training Description:

This five-day intensive training program equips project professionals with the essential skills and knowledge required to effectively manage construction projects from initiation to closeout. Participants will gain a comprehensive understanding of construction processes, contract administration, cost management, scheduling, risk management, and on-site project control techniques. With a blend of theory, real-world case studies, and practical exercises, attendees will develop a robust toolkit to successfully deliver construction projects within scope, time, and budget constraints.

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Understand the full lifecycle of a construction project
- ✓ Apply industry best practices in construction planning, execution, and monitoring
- ✓ Manage construction contracts, procurement, and stakeholder relationships effectively
- ✓ Develop and control construction budgets and schedule
- ✓ Identify, assess, and mitigate construction risks
- ✓ Implement safety, quality control, and environmental management practices
- ✓ Lead construction project teams with confidence and authority

Training Designed for:

This training course is intended for Project Managers and Coordinators, Construction Managers and Supervisors, Site Engineers and Field Engineers, Contract Administrators, Architects, Quantity Surveyors, and Consultants, Professionals transitioning into construction project management and Anyone involved in managing or supporting construction projects.

Training Requirement:

“Hand's on practical sessions, equipment and software will be applied during the course if required and as per the client's request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client's learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

DAY ONE:

❖ Construction Project Fundamentals

- Introduction to the Construction Industry
- Phases of Construction Projects (Initiation, Planning, Execution, Monitoring, Closeout)
- Key Roles and Responsibilities in Construction Projects
- Project Delivery Methods (Design-Bid-Build, Design-Build, CM at Risk, IPD)
- Overview of Construction Documents and Drawings
- Case Study: Anatomy of a Successful Construction Project

DAY TWO:

❖ Planning and Scheduling Construction Projects

- Project Scope Definition and Work Breakdown Structures (WBS)
- Introduction to Construction Scheduling Techniques (CPM, PERT, Gantt Charts)
- Resource Allocation and Leveling
- Time Impact Analysis and Delay Management
- Tools for Scheduling (Primavera P6, MS Project basics)
- Workshop: Develop a Basic Construction Schedule

DAY THREE:

❖ Construction Cost and Contract Management

- Construction Cost Estimating Fundamentals
- Budgeting and Cost Control Techniques
- Construction Contracts Types (Lump Sum, Cost Plus, Unit Price, etc.)
- Procurement Strategies and Tendering Processes
- Contract Administration: Change Orders, Claims, and Disputes
- Case Study: Managing Budget Overruns

DAY FOUR:

❖ Risk Management, Safety, and Quality in Construction

- Identifying and Assessing Construction Risks
- Risk Response Planning and Monitoring
- Construction Site Safety Management (OSHA standards overview)
- Quality Assurance vs. Quality Control in Construction
- Environmental and Regulatory Compliance
- Workshop: Construction Risk Assessment Exercise

DAY FIVE:

❖ Leadership, Communication, and Project Closeout

- Leadership and Team Management in Construction Projects
- Stakeholder Communication and Relationship Management
- Site Meetings, Reporting, and Documentation Best Practices
- Final Inspection, Punch Lists, and Project Handover
- Lessons Learned and Continuous Improvement
- Final Group Exercise: Mock Construction Project Presentation and Closeout Plan

❖ Course Conclusion

❖ POST-ASSESSMENT and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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