

DAY 1

Organization, Health and Safety

- The Participants, including the Owner, the Contractor, and any Subcontractors
- Clearly defined roles and responsibilities
- Basic safety rules and compliance, jobsite conditions and hazards; contractual issues and exposures in construction projects
- Health, Safety, Environment, and Sustainability
- Construction Equipment Safety; and Sustainability Administration and Compliance

DAY 2

Green Concepts

- Green Building Movement Today's
- Fundamentals—What Constitutes a Green Building?
- Greening the Economy: Incentive Structures, Barriers, and Benefits
- Developing Measurable Green Standards
- Employer, Consultants, Contractors, Subcontractors coordination
- Owner and Contractor's Meetings
- Team phases, development, and harmonization – managing and matching expectations

DAY 3

Planning, Scheduling and Resources Commitment at Site

- Essential Scheduling Tools, Instruments, and Techniques
- Core Philosophy and updating schedules
- Obtaining and providing feedback on information
- Schedule and resource problems, solutions, and next steps
- Managing on-site anticipated and unforeseen risk
- Monitoring and assessing time, cost, and quality
- Ensuring site compliance and taking corrective action

DAY 4

Progress Control, Monitoring and Reporting

- Project cash flow and progress payment
- Introduction to Concrete and Reinforced Concrete
- Skills of Controlling the Quality of Concrete
- Understanding Soil Investigation and Challenges of Soil Mechanics
- Precaution during Construction Foundations
- Skills of Checking
 - The Construction Elements
 - The Design Drawings
 - The Soil Investigation Report

DAY 5

Environmentally Sustainable Design and Building Economics

- Causes of Change and how to effectively manage Changes
- Claims, Counter Claims, and Disputes
- Negotiation Strategies to manage multiple Claims and Disputes
- Complex Changes, Claims and Disputes management
- Alternative Dispute Resolution (ADR) Tools and Techniques (Mediation and Arbitration)