CONSTRUCTION MANAGEMENT PRM014

COURSE DESCRIPTION

The construction industry is moving quickly towards greener, high-performing buildings and roads, creating increased demand across the country for sustainable skills.

This course explains the essential role CM play on a sustainable construction project. Taught by industry experts using real-life classroom exercises. CM gives experienced building professionals the critical tools to transition from conventional to sustainable construction practices.

COURSE GOAL

To enhance the participant's knowledge, skills and abilities necessary for the transition from conventional to sustainable construction practices.

COURSE OBJECTIVES

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

- Understand the fundamentals of building green.
- Understand the CM's role in the pre-construction phase of a project.
- Integrate green building systems into the construction schedule.
- Create and use tools to implement energy efficiency strategies.
- Communicate sustainable construction processes to subcontractors and trades.
- Understand the construction Activity Pollution Prevention.
- Be familiar with Construction Indoor Air Quality.
- Manage Construction Waste.
- Ensure success during the submittal, rough-in, and fit-out phases.
- Implement a post-occupancy review and assessment process.

WHO SHOULD ATTEND

- Contractors and subcontractors.
- Project managers and site superintendents.
- Foremen.
- Estimators.
- Project architects and engineers.
- Building owners and facilities managers.

COURSE DURATION

5 Working Days

COURSE OUTLINES

1. Fundamentals of Building Green
    - Economic and health benefits of green building.
    - Causes and impacts of a changing climate.
    - Transitioning to sustainable construction practices.
    - Understanding LEED.
    - Overview of green building strategies.
    - The importance of commissioning (Systems Quality Assurance).
2. Construction Management
    - The CM's role in the pre-construction phase of a project.
    - Integrating green building systems into the construction schedule.
    - Creating and using tools to implement energy efficiency strategies.
    - Communicating sustainable construction processes to subcontractors and trades.
    - Construction activity pollution prevention.
    - Construction indoor air quality.
    - Construction waste management.
    - Critical actions to ensure success during the submittal, rough-in, and fit-out phases.
    - The CM's role in commissioning.
    - Implementing a post-occupancy review and assessment process.