Business Intelligence & Data · BI413

Integrated Construction Management, Quantity Surveying & Real Estate Development

Duration	Category	Ref
1 Week	**Business Intelligence & Data**	**BI413**
Language	Certificate	
English	**Certificate of attendance**	

Introduction

The construction and real estate sectors are increasingly interconnected, requiring professionals to possess multidisciplinary knowledge that extends beyond traditional construction management and quantity surveying functions. Modern practitioners must understand project delivery, cost management, land development, property valuation, real estate investment, asset management, regulatory compliance, and stakeholder engagement to successfully manage projects and maximize value throughout the property lifecycle.

This five-day training program provides participants with a comprehensive overview of the principles, practices, and emerging trends in construction management, quantity surveying, and real estate development. The course explores the strategic, financial, regulatory, and operational aspects of the built environment while highlighting the role of professionals in supporting sustainable development and effective property management.

Course Objectives

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

- Understand the principles and practices of construction management and project delivery.
- Examine the role of quantity surveying in cost planning, procurement, and contract administration.
- Explore real estate development processes and land management strategies.
- Understand land subdivision, land sales, and urban development concepts.
- Recognize the principles of property valuation and real estate investment.
- Understand property management, maintenance, and asset preservation requirements.
- Examine safety, fire prevention, and risk management considerations in the built environment.
- Understand insurance applications within construction and real estate sectors.
- Explore effective engagement with government authorities and regulatory bodies.
- Develop awareness of stakeholder management, negotiation, diplomacy, and persuasion

techniques.
- Identify relevant professional certifications and career development opportunities.

Target Audience

- Quantity Surveyors
- Construction Managers
- Project Managers
- Civil Engineers
- Real Estate Professionals
- Property Developers
- Facilities and Asset Managers
- Consultants and Contractors
- Government Housing and Planning Officials
- Professionals involved in land development and property investment

Course Outline

Day 1

Construction Management and Quantity Surveying

Construction Management Fundamentals

- Construction project lifecycle
- Project planning and coordination
- Procurement and contract strategies
- Quality and risk management
- Project governance principles

Quantity Surveying Practices

- Cost planning and estimating
- Budget development and cost control
- Bills of quantities and tendering processes
- Contract administration
- Claims, variations, and dispute management

Day 2

Real Estate Development and Land Management

Real Estate Development Principles

- Real estate market dynamics
- Development planning processes
- Feasibility studies and project viability
- Development financing considerations
- Development risk assessment

Land Management and Urban Development

- Land acquisition and ownership considerations
- Land subdivision principles
- Land sales and development strategies

- Urban planning and zoning concepts
- Sustainable and smart city development

Day 3

Property Valuation, Investment and Insurance

Property Valuation Fundamentals

- Property valuation concepts and methodologies
- Market, cost, and income approaches
- Factors influencing property values
- Valuation standards and reporting

Real Estate Investment

- Real estate investment principles
- Investment performance indicators
- Risk and return considerations
- Portfolio management concepts

Construction and Property Insurance

- Insurance principles and applications
- Construction-related insurance coverage
- Property insurance considerations
- Risk transfer and mitigation strategies

Day 4

Property Management, Maintenance and Safety

Property and Asset Management

- Property management functions
- Asset lifecycle management
- Facility operations management
- Maintenance planning and strategies
- Building performance and sustainability

Safety and Risk Management

- Occupational health and safety principles
- Fire prevention and protection systems
- Emergency preparedness and response
- First aid awareness in the workplace
- Regulatory compliance requirements

Day 5

Government Relations, Stakeholder Engagement and Professional Development

Government and Regulatory Engagement

- Working with housing authorities
- Planning and development approvals
- Regulatory compliance frameworks

- Public sector coordination and collaboration

Stakeholder Management and Communication

- Stakeholder identification and analysis
- Negotiation and persuasion techniques
- Diplomacy in professional environments
- Conflict resolution and relationship management

Ask us for a date for this course

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