



Structural Engineering Training

⇒ Course 01: Diploma in Construction Management

- Introduction to Construction Management
- Project Life Cycle and Success
- Cost Management
- Preliminary Site Investigation and Site Organisation
- Site Management
- Planning and Management of Equipment
- Construction Materials Management
- Vendor Analysis in Construction Management
- Construction Procurement
- Stock Control
- Supply Chain Management
- The Main Participants
- Quality Assurance and Customer Care
- Legal Aspects of Contracting
- Human Resources Management
- Risk and Value Management
- Communications, Information and Documentation of Construction
- Health and Safety in Construction Management

⇒ Course 02: Architectural Studies

- Introduction to Architectural Studies
- Ancient Architecture
- Architectural Ideas and Movements
- Architectural Styles
- Art Deco Architectural Style
- Scandinavian Architectural Style
- Victorian Architectural Style
- Classical and Early Christian Architectural Style
- Gothic Architectural Style
- Baroque and Rococo Architectural Style
- Eclecticism Architectural Style
- Modern and Post-Modern Architectural Style
- Interior Designing
- Colour in Interior Designing
- Lighting in Interior Design Part One
- Lighting in Interior Design Part Two

⇒ Course 03: Quantity Surveyor Diploma

- Quantity Survey An Introduction
- Development of the Quantity Surveyor
- Quantity Surveying Measurement
- Cost Management
- Pricing and Operational Estimation
- Contract Management and Tendering
- Procurement and Bill Preparation
- Predicting Potential Risk and Management
- Regulation and Control
- Report Writing

⇒ Course 04: Building Surveyor

- Building Survey: An Introduction
- Building Law Principles
- Building Procurement and Contract Administration
- Building Information Modelling
- Building Technology
- The Procedure of Building Survey and Surveys of Historic Buildings
- Beginning of the Survey: Foundation and In-depth Survey in Walls
- Ground Level Investigation: Floors and Investigation Above the Ground: Roofs and Chimneys

⇒ Course 05: Land Surveying

- Introduction to Land Surveying
- Land Surveying Basics
- Land Surveying Instrumentation
- Land Surveying Methods and Techniques
- Topographic Surveying and Mapping
- Boundary Surveying
- Surveying Health and Safety

⇒ Course 06: Construction Cost Estimation Diploma

- Introduction to Construction Management
- Cost Estimation
- Role of Cost Estimator and New Aspects of Cost Estimation
- Elements and Factors influencing Cost Estimation
- Cost Estimation in Construction Industry
- Cost Management
- Management of Material for construction

⇒ Course 07: AutoCAD VBA Programming – Beginner course

- Introduction
- VBA Integrated Development Environment (IDE)
- Understanding AutoCAD Object Model in VBA
- Using Variables in VBA
- User Forms and Controls
- Conditionals and Decisions in VBA
- Looping and Iterations in VBA
- Drawings Objects in VBA
- Code Debugging in VBA
- Error Handling in VBA
- Conclusion

⇒ Course 08: Property Law and Legislation

- Introduction to Property Law
- Land Law Principles- Rights and Interests
- Registered and Unregistered Land
- Ownership and Possession of the Property
- Co-Ownership in Property
- Leases and Bailment
- Property Law: License
- The Mortgage Law
- Insurance for Property Maintenance
- Proprietary Estoppel (Property Rights)
- Security Interests in Property

⇒ Course 09: Construction Industry Scheme (CIS)

- Coverage of the Scheme
- Contractors and Registration for the Scheme
- Verification Process
- The CIS Returns
- Record Keeping and CIS Certificates
- Penalties Involved in CIS
- Miscellaneous Information

⇒ Course 10: WELL Building Standard

- Introduction
- Air
- Water
- Nourishment
- Light
- Fitness
- Comfort

⇒ Course 11: LEED V4: Building Design and Construction

- Introduction
- Integrative Process
- Location & Transportation
- Sustainable Sites
- Water Efficiency
- Energy & Atmosphere
- Materials & Resources
- Indoor Environment Quality
- Innovation
- Regional Priority
- Completion

⇒ Course 12: Construction Safety

- Managing Health and Safety
- Risk Assessment and Common Risks
- Health and Safety Guidelines and Legislations
- Reporting Accidents at Work



Thank You