



ACCRAKH TECHNICAL

& VOCATIONAL TRAINING INSTITUTE
www.accrakhinstitute.co.ke

ENGINEERING COURSES

ARCHITECTURAL GROUP

- 01_ AutoCAD 2D/3D
- 02_ 3DS Max
- 03_ Revit Architecture
- 04_ Revit MEP
- 05_ Sketchup Pro
- 06_ ArchiCAD Pro
- 07_ Chief Architecture
- 08_ ArcGIS
- 09_ Lumion 3D
- 10_ Town Planning
- 11_ Interior Designing
- 12_ V-Ray & Rendering Pro
- 13_ Drawings in AutoCAD (Advance)
- 14_ Building Modelling (Advance)
- 15_ BIM Professional

STRUCTURE GROUP

- 16_ CSI Etabs
- 17_ Tekla Structure
- 18_ Revit Structure
- 19_ SAP2000
- 20_ Staad Pro
- 21_ CSI Safe
- 22_ Prota Structure
- 23_ CypeCAD
- 24_ MatLab
- 25_ RISA 2D-3D
- 26_ NavisWorks
- 27_ Robot Structure
- 28_ RCC Design

QUANTITY SURVEYING GROUP

- 29_ Quantity Survey
- 30_ PlanSwift
- 31_ BlueBeam
- 32_ Civil 3D
- 33_ MX Road
- 34_ Road Cross/Long Section
- 35_ Land Survey (Theory)
- 36_ Road Quantity
- 37_ Bar bending Schedule
- 38_ Excel for Civil
- 39_ Rate Analysis (BOQ)
- 40_ CostX

CIVIL & STRUCTURAL ENGINEERING GROUP

- 41_ Civil Engineering Basics
- 42_ Geographic Information Systems
- 43_ Construction Quality Control
- 44_ Reinforcement Concrete Quality Control
- 45_ Structural Analysis and Design
- 46_ Bridge Design and Analysis
- 47_ Building Codes and Compliance
- 48_ Construction Law and Contracts
- 49_ Geotechnical Engineering
- 50_ Transport Engineering and Planning
- 51_ Prestressed Concrete Design
- 52_ Steel Structure Design and Analysis
- 53_ Shear Force and Bending Moment Diagram
- 54_ Piling Process
- 55_ Sustainable Construction and Design
- 56_ Seismic Design and Analysis
- 57_ Earthquake Engineering
- 58_ Soil Mechanics Engineering
- 59_ Water Resource Management
- 60_ Stormwater Management Design
- 61_ WaterCAD
- 62_ Autodesk Inventor for Civil Engineers
- 63_ Infraworks

PROJECT MANAGEMENT & PLANNING

- 64_ Microsoft Project
- 65_ Primavera P6
- 66_ Project Management
- 67_ Construction Planning
- 68_ HSE Planning
- 69_ PMI-RMP
- 70_ PMI-SP

TECHNICAL COURSES

- 71_ Laptop Repair
- 72_ General Electronics
- 73_ CCTV Installation
- 74_ PLC/SCADA Automation

INFORMATION TECHNOLOGY GROUP

- 75_ CyberSecurity
- 76_ App Development
- 77_ Computer Packages
- 78_ Programming
- 79_ Networking
- 80_ Software Application
- 81_ Digital Communication

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