

BLD413: Principles of Construction Management (2 Units)

Department of Building Technology

Covenant University

1. BLD413

1.1. BLD413: Principles of Construction Management (2 Units)

The course deals with management principles and practice generally, management science, organization theory, their application to building projects; Personnel Management - Communication and Communicating Systems, Introduction to decision theory, Financial and Cost Accounting; Financial Cost Management, Appraisal and control of capital project from inception to completion; Planning: Pre-tender planning, method statement; short-term and long-term planning and scheduling techniques; Materials supply; Purchasing allocation and Scheduling; Cost optimization, cost control and site work; Safety on Construction site and quality management; Site meetings; Site records. Technique of project management. Clients, consultants and contractors. Managerial staff relations. Co-ordination of effort of designers, sub-contractors etc with the construction process. The role of mechanical plant in construction project management.