

Module	Operations and Project Management
Course code	BABO-OPM
Credits	10
Important notes	Available to students who have previously taken some management.
Allocation of marks	40% Continuous Assessment 60% Final Examination

Intended Module Learning Outcomes

On successful completion of this module, the learner will be able to:

1. Explain the role of operations management and discuss the key challenges posed in operations management
2. Discuss the importance of project management in successfully delivering on management goals
3. Evaluate a number of frameworks in the design and delivery of products and services
4. Discuss performance related issues and how they can be measured in an operations environment
5. Show a detailed knowledge of the components of a project plan
6. Identify the key issues in project implementation and identify appropriate risk response strategies

Module Objectives

This module examines in detail the subject of operations management. Additionally this module introduces learners to some of the basic concepts in project management. The module deals with problems in the areas of design, layout, flow, demand, supply, quality and performance issues. The research based assignments requires learners to study operational and project issues by observing and talking to managers to rectify these issues. This provides learners with an opportunity to refine their soft skills, improve verbal and written communication and put into practice both primary and secondary research skills.

Module Curriculum

Introduction to Operations Management

- Operations and Productivity
- Operations Strategy in a Global Environment
- Forecasting

Designing Operations

- Design of Goods and Services
- Managing Quality
- Capacity and Constraint Management
- Location Strategies
- Layout Strategies

Managing Operations

- Supply-Chain Management
- Inventory Management
- Material Requirements Planning (MRP) and ERP
- Just-in-Time, TPS, and Lean Operations

Project Management

- Introduction to Project Management
- The Project Management role
- Business & Stakeholder Analysis

Reviewing Project Requirements

- Project Selection
- Building Project Teams
- Project Scope
- Cost estimation

Implementation

- Scheduling
- CPM
- Resource Management
- Risk Management

Project Completion

- Evaluation
- Project Termination
- Transferring Ownership & Responsibility
- Project Follow-Up