

DIP: OPERATIONS MANAGEMENT D6OPMQ

Purpose of the programme

To develop the student's applied and cognitive competencies in the acquisition, interpretation, understanding and application of management information and decision support.

The student should be able to:

- manage operational resources within the operations management field,
- demonstrate detailed understanding of the different supply chain objectives needed in different operational circumstances
- reflect on managerial decisions and applications to assess the effect thereof in the holistic context of specialized operational management functions in industry, in order to contextualize their learning to their business environment, and to appreciate improvements and interventions they can affect in their working environments.

Outcomes

Exit level outcomes:

The qualifying student should be able to:

- a) Conduct and display knowledge and application of the role and scope of the operations managers function in the context of the production of goods and services in either profit oriented or not-for-profit endeavors.
- b) Recognize, understand and use different quantitative and qualitative techniques tools and models applicable in operations management in contemporary manufacturing / service organizations to optimize operation processes
- c) Conduct and display knowledge and application of project and supply chain management principles, quality and productivity improvement.
- d) Apply a logical and analytical approach in problem solving and prepare a managerial report that will ensure resource and process optimization based on the findings.
- e) Understand the role of quality and quality improvements in the life of an organization which include implementation of quality systems and use of quality tools to make informed decisions.
- f) Understand and display basic information technology, human relations skills, and financial principles in order to plan and control operational systems.
- g) Illustrate by means of submitting a report based on a direct practical industrial experience simulation illustrating knowledge and application of operations management in various manufacturing and service industries.

Admission Requirements and Selection Criteria

Refer to Faculty Regulation EB3 for the minimum admission requirements.

Curriculum

CODE	MODULE	CODE	MODULE
First year			
First semester		Second semester	
OPM11A1	Operations Management 1A	OPM11B1	Operations Management 1B
ORE11A1	Organisational Effectiveness 1A	ORE11B1	Organisational Effectiveness 1B

STAQTA1	Quantitative Techniques A	STAQTB1	Quantitative Techniques B
WPD11A1	Workplace Dynamics 1A	WPD11B1	Workplace Dynamics 1B

Second year

First semester		Second semester	
OPM22A2	Operations Management 2A	OPM22B2	Operations Management 2B
OPT22A2	Operations Management Techniques 2A	OPT22B2	Operations Management Techniques 2B
ORE22A2	Organisational Effectiveness 2A	ORE22B2	Organisational Effectiveness 2B
QAS22A2	Quality Assurance 2A	AFINSA1	African Insights

Third year

First semester		Second semester	
EUC01A1	End-User Computing 1A	EUC01B1	End-User Computing 1B
FPO0AA1	Financial Principles in Operation 1A	FPO0BB1	Financial Principles in Operation 1B
OPM33A3	Operations Management	OPM33B3	Operations Management 3B
OPT33A3	Operations Management Techniques 3A	OPT33B3	Operations Management Techniques 3B
OPP3YR3	Operations Management Practice 3 (Year module)	OPP3YR3	Operations Management Practice 3