

Purpose of the programme

The purpose of the Advanced Diploma in Operations Management is to develop the students' applied and cognitive competencies in acquisition, interpretation, understanding and applications of Operations Management principles so that students should be able to analyse and explain operations decisions. Additionally, the student should also be able to reflect on the theories and application of these operations management decisions in their respective workplace. The qualification is to develop a graduate competency in the knowledge, attitudes, insight and skills required for the quality management and related professions. The proposed curriculum will enable the graduate to competently apply and integrate theoretical principles, evidence-based techniques, practical experience and appropriate skills in an independent manner in a variety of settings.

Outcomes

The Faculty of Engineering and the Built Environment at the University of Johannesburg introduced DIPLOMAS in order to replace National Diplomas, which led to BTech programmes being phased out as they did not align with the new Diplomas. Therefore, the need by the Department of Quality and Operations Management (DQOM) to introduce the Advanced Diploma in Operations Management that align with the Diploma programme is a necessity as aligned with the Higher Education Qualification Sub-Framework (HEQSF) structure. The aim of the qualification is to develop the student's applied and cognitive competencies in the acquisition, interpretation, understanding and applications of operations management. Under the guidance of our advisory committee, this qualification is now regarded as in critical demand in the industry. It is important to note that the mission of Department of Quality and Operations Management is to provide services and products in the form of students to the City of Johannesburg, Gauteng Province, South Africa and the world at large in the form, quality and quantities required. It is within this mission that the Advanced Diploma in Operations Management is aimed for:

- To strive for the delivery and provision of state-of-the-art knowledge in Operations Management to create suitably qualified students for the public sector, commerce and industry.
- To maintain and enhance academic excellence through advanced research and instruction in Operations Management.

To contribute to the development of the South African commerce and industry through the provision of quality and professional consultancy services and industry based student projects

Admission Requirements and Selection Criteria

Refer to Faculty Regulation EB3 for the minimum admission requirements.

Minimum admission requirements

The minimum admission requirement is a relevant National Diploma or Diploma qualification at NQF level 6 or NQF level 6 equivalent. Students are selected on the basis of academic merit and an approved field(s) of study. An average mark of 60%

in the previous degree qualification is required. Although preference will be given to student with Operations Management and Management Services qualifications.

Curriculum

CODE	MODULE	CODE	MODULE
First year			
First semester		Second semester	
OMT7X01	Operations Management Techniques 4A	OMT7X02	Operations Management Techniques 4B
OPM7X01	Operations Management 4A	OPM7X02	Operations Management 4B
QPI7X01	Quality Planning and Implementation	PMO7X02	Project Management
RMO7X01	Research Methodology	FPC7X02	Financial Planning and Control