

Purpose of the programme

The purpose of the Advanced Diploma in Quality is to prepare the student from a production and/or service environment to become a quality practitioner specialising in quality tools and techniques. The qualifying person will apply a body of knowledge, skills and applied competencies of quality and quality principles, tools and techniques to implement, maintain and improve quality in their respective working environment. The qualification is to develop a graduate who is proficient in the knowledge, attitudes, insight and skills required for the quality management. The proposed curriculum will enable the student 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 arose for the Department of Quality and Operations Management (DQOM) is to introduce the Advanced Diploma in Quality as aligned with the new HEQSF structure as well as other institutions, which offer the same qualification.

Furthermore, in view of the dramatic changes that have occurred in the business environment over the last decade, many BTech programmes have become outdated. This, together, with the shortage of persons both in the public and in private sectors with the requisite management knowledge and skills to execute their duties efficiently and effectively, presented an ideal opportunity to develop a new and more relevant curriculum. Therefore, the Advanced Diploma in Quality is to equip students from the production or service environment (both public and private sector), to become a quality practitioner specialising in quality technologies and methodologies. In this regard, the Advanced Diploma in Quality is targeted at persons in junior/middle management position, as well as, those who aspiring to these positions and who wish to increase promotional prospects by acquiring this qualification. Consequently, this 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 in to assist small to medium scale industries to establish sound quality techniques.

Admission Requirements and Selection Criteria

Refer to Faculty Regulation EB3 for the 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

Curriculum

CODE	MODULE	CODE	MODULE
First year			
First semester		Second semester	
QMS7X01	QUALITY MANAGEMENT SYSTEMS	CQI7X02	CONTINUAL QUALITY IMPROVEMENT
QPI7X01	QUALITY PLANNING AND IMPLEMENTATION	PMQ7X02	PROJECT MANAGEMENT
RMQ7X01	RESEARCH METHODOLOGY	QAS7X02	QUALITY AUDITING SYSTEMS
STA7AQT	STATISTICAL QUALITY TECHNIQUES A	STA7BQT	STATISTICAL QUALITY TECHNIQUES B