

# BACCALAUREUS TECHNOLOGIAE: OPERATIONS MANAGEMENT

## Qualification code: BTOS04 - NQF Level 7

Campus where offered: Pretoria Campus

### Important notification to new applicants:

Students who intend to enrol for this qualification should take note that no new applications will be accepted as from 2020. Potential students are advised to consult the University's website for possible new qualifications which are aligned with the newly-implemented Higher Education Qualification Sub-Framework.

## REMARKS

- a. *Admission requirement(s):*  
A National Diploma: Operations Management or an equivalent qualification.
- b. *Selection criteria:*  
Admission is subject to selection.
- c. *Minimum duration:*  
One year.
- d. *Presentation:*  
Evening classes. This qualification will be offered only if there are sufficient students.
- e. *Intake for the qualification:*  
January only.
- f. *Exclusion and readmission:*  
See Chapter 2 of Students' Rules and Regulations.
- g. *Recognition of Prior Learning (RPL), equivalence and status:*  
See Chapter 30 of Students' Rules and Regulations.
- h. *Subject credits:*  
Subject credits are shown in brackets after each subject.

## CURRICULUM

### YEAR SUBJECTS

| CODE                                 | SUBJECT                                | CREDIT       | PREREQUISITE SUBJECT(S)              |
|--------------------------------------|--|--------------|--------------------------------------|
| FPC300T                              | Financial Planning and Control III     | (0,250)      |                                      |
| IDM100C                              | Introduction to Marketing Management I | (0,200)      |                                      |
| ORM400T                              | Operations Management IV               | (0,250)      | Operations Management III            |
| OTE400T                              | Operations Management Techniques IV    | (0,250)      | Operations Management Techniques III |
| RMD100G                              | Research Methodology                   | (0,050)      |                                      |
| TOTAL CREDITS FOR THE QUALIFICATION: |  | <b>1,000</b> |                                      |



## SUBJECT/MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject/module. On 13 September 2017, the syllabus content was defined as follows:

### F

**FINANCIAL PLANNING AND CONTROL III (FPC300T)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Managerial Accounting and Finance)*  
Selected management accounting and financial management techniques for production managers. The subject consists of two parts. (Total tuition time: ± 40 hours)

### I

**INTRODUCTION TO MARKETING MANAGEMENT I (IDM100C)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Marketing, Logistics and Sport Management)*  
The basic principles of marketing management. (Total tuition time: ± 48 hours)

### O

**OPERATIONS MANAGEMENT IV (ORM400T)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Operations Management)*  
Product planning and competitive priorities. Quality management. Process design. New technologies. Work measurement. Capacity and maintenance. Location. Works and process layout. Production and staffing plans. Master production scheduling. Materials requirement planning. High-volume production systems. Workforce and operations scheduling. Quality control. (Total tuition time: ± 64 hours)

**OPERATIONS MANAGEMENT TECHNIQUES IV (OTE400T)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Operations Management)*  
Non-linear programming. Advanced simulation, calculus and probability, EOQ modules and forecasting modules. (Total tuition time: ± 64 hours)

### R

**RESEARCH METHODOLOGY (RMD100G)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Operations Management)*  
Introduction to research, the methodology of research and research strategies, the ability to undertake a research, research assignment in a unique speciality area, independently. The physical gathering of data, analysing data statistically and otherwise. (Total tuition time: ± 64 hours)

