

BACCALAUREUS TECHNOLOGIAE: PROJECT MANAGEMENT

Qualification code: BTPJ00 - 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):*
An applicable National Diploma or an equivalent qualification.
- b. *Selection criteria:*
Admission is subject to selection by a panel interview.
- c. *Recommendation:*
Preference will be given to applicants who are working in a project environment.
- d. *Minimum duration:*
One year (the Department recommends that studies for this qualification take place over a period of two years).
- e. *Presentation:*
Evening or block-mode classes (every second week over a period of eighteen months). Students must complete the qualification on the same offering type on which they were first admitted.
- f. *Intake for the qualification:*
January only.
- g. *Exclusion and readmission:*
See Chapter 2 of Students' Rules and Regulations.
- h. *Recognition of Prior Learning (RPL), equivalence and status:*
See Chapter 30 of Students' Rules and Regulations.
- i. *Subject credits:*
Subject credits are shown in brackets after each subject.

CURRICULUM

OPTION 1: EVENING CLASSES

ATTENDANCE

CODE	SUBJECT	CREDIT
FIRST SEMESTER		
ENT401B	Entrepreneurship IV	(0,100)
PJP40AT	Project Management Process IVA	(0,125)
PJQ401T	Project Quality IV	(0,100)



PJR401T Project Research IV (0,100)

TOTAL CREDITS FOR THE SEMESTER: 0,425

SECOND SEMESTER

ORS411T Operational Research IV (0,100)

PJP40BT Project Management Process IVB (0,125)

PJU401T Project Accounting IV (0,100)

PRR401T Project Resources IV (0,125)

STI401T Strategic Management IV (0,125)

TOTAL CREDITS FOR THE SEMESTER: 0,575

TOTAL CREDITS FOR OPTION 1: 1,000

OPTION 2: BLOCK-MODE CLASSES

FIRST YEAR

CODE	SUBJECT	CREDIT
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FIRST SEMESTER

ENT401B Entrepreneurship IV (0,100)

PJP40AT Project Management Process IVA (0,125)

PRR401T Project Resources IV (0,125)

TOTAL CREDITS FOR THE SEMESTER: 0,350

SECOND SEMESTER

PJP40BT Project Management Process IVB (0,125)

PJQ401T Project Quality IV (0,100)

PJU401T Project Accounting IV (0,100)

TOTAL CREDITS FOR THE SEMESTER: 0,325

SECOND YEAR

CODE	SUBJECT	CREDIT
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FIRST SEMESTER

ORS411T Operational Research IV (0,100)

PJR401T Project Research IV (0,100)

STI401T Strategic Management IV (0,125)

TOTAL CREDITS FOR THE SEMESTER: 0,325

TOTAL CREDITS FOR OPTION 2: 1,000

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:



E**ENTREPRENEURSHIP IV (ENT401B)****1 X 3-HOUR PAPER****(Subject custodian: Department of Management and Entrepreneurship)**

Introduction to strategic management. Strategic management model for a business. Situational analysis of a business. Strategy formulation, implementation and control. Continuous improvement approaches. Case studies and projects. Entrepreneurship: principles, innovation, creativity, opportunities, entrepreneurial options, sources of support. (Total tuition time: ± 40 hours)

O**OPERATIONAL RESEARCH IV (ORS411T)****1 X 3-HOUR PAPER (OPEN BOOK)****(Subject custodian: Department of Operations Management)**

Risk and decision analysis. Network analysis (PERT and CPM). Fundamentals of decision theory. Decision trees and utility theory. Normal distribution. Sensitivity analysis. Monte Carlo simulation. Value of information. Modelling techniques. Probability distribution types. Judgement and biases. (Total tuition time: ± 45 hours)

P**PROJECT ACCOUNTING IV (PJU401T)****1 X 3-HOUR PAPER****(Subject custodian: Department of Operations Management)**

Project management and accounting, finance strategy and strategic project management, accounting, finance and project management, cost estimating and budgeting, project financing, project revenue and cash flows, risk assessment, earned value analysis. (Total tuition time: ± 45 hours)

PROJECT MANAGEMENT PROCESS IVA (PJP40AT)**1 X 3-HOUR PAPER****(Subject custodian: Department of Operations Management)**

Concepts and theory of project management. Project initiations. Project planning. Project control. Project execution. Project termination. Project reporting. Project prioritisation. Stakeholder management. (Total tuition time: ± 32 hours)

PROJECT MANAGEMENT PROCESS IVB (PJP40BT)**1 X 3-HOUR PAPER****(Subject custodian: Department of Operations Management)**

Advanced topics in project management, including critical chain, project management offices, project management maturity and stakeholder mapping. (Total tuition time: ± 32 hours)

PROJECT QUALITY IV (PJQ401T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Operations Management)**

Concepts of quality. ISO 9000 series. Development of standards. Establishment of norms. Quality control. Project quality audits. Risk management. (Total tuition time: ± 32 hours)

PROJECT RESEARCH IV (PJR401T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Operations Management)**

Problem identification. Choice and use of measuring instruments. Literature study. Delphi technique. Focus groups. Analysis and interpretation of data. Drawing up a project report. Case studies and projects. (Total tuition time: ± 32 hours)

PROJECT RESOURCES IV (PRR401T)**1 X 3-HOUR PAPER****(Subject custodian: Department of Operations Management)**

Legislation applicable to project management (labour and contracts). Personnel profiles. Personnel appraisals. Conflict resolution. Negotiation skills. Project procurement. Resource optimisation. Socio-economic responsibility of the business or project. (Total tuition time: ± 32 hours)

S**STRATEGIC MANAGEMENT IV (STI401T)****1 X 4-HOUR PAPER (OPEN BOOK)****(Subject custodian: Department of Management and Entrepreneurship)**

Introduction to the strategic management process: an overview. Vision and mission statement. Exploring the environment. The strategic plan. Implementing and evaluating strategy. The business plan. Case studies and projects. (Total tuition time: ± 40 hours)

