

University of Pretoria Yearbook 2017

Calculus 148 (WTW 148)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	8.00
Programmes	BCom
	BCom Economics
	BCom Statistics
	BEd Senior Phase and Further Education and Training Teaching
	BSc Computer Science
	BSc Information and Knowledge Systems
	BSc Geoinformatics
Service modules	Faculty of Education
Prerequisites	WTW 114 GS or WTW 134
Contact time	2 lectures per week, 1 tutorial per week
Language of tuition	Module is presented in English
Academic organisation	Mathematics and Applied Maths
Period of presentation	Semester 2

Module content

*Students will not be credited for more than one of the following modules for their degree: WTW 124, WTW 148 and WTW 164. The module WTW 148 is designed for students who require Mathematics at 100 level only and does not lead to admission to Mathematics at 200 level.

Integration techniques. Modelling with differential equations. Functions of several variables, partial derivatives, optimisation. Numerical techniques. All topics are studied in the context of applications.

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