



University of Pretoria Yearbook 2017

Calculus 218 (WTW 218)

Qualification Undergraduate

Faculty Faculty of Natural and Agricultural Sciences

Module credits 12.00

Programmes

BCom

BCom Econometrics

BCom Statistics

BEd Senior Phase and Further Education and Training Teaching

BSc Computer Science

BSc Actuarial and Financial Mathematics

BSc Applied Mathematics

BSc Chemistry

BSc Engineering and Environmental Geology

BSc Geology

BSc Mathematical Statistics

BSc Mathematics

BSc Meteorology

BSc Physics

Service modules

Faculty of Engineering, Built Environment and Information Technology

Faculty of Education

Faculty of Economic and Management Sciences

Prerequisites

WTW 114 and WTW 124

Contact time

1 tutorial per week, 2 lectures per week

Language of tuition

Separate classes for Afrikaans and English

Academic organisation

Mathematics and Applied Maths

Period of presentation

Semester 1

Module content

Calculus of multivariable functions, directional derivatives. Extrema and Lagrange multipliers. Multiple integrals, polar, cylindrical and spherical coordinates.



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