



University of Pretoria Yearbook 2016

Physical sciences education 310 (JPC 310)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	12.00
Programmes	BEd Senior Phase and Further Education and Training Teaching
Contact time	2 lectures per week, 2 practicals per week
Academic organisation	Science, Maths + Techno Ed
Period of presentation	Semester 1

Module content

Application of vectors in one and two dimensions in motion and forces. Newton's laws, Momentum, Work and Energy, Waves, Sound and Light Electrostatics, Electric circuits, Magnetism, Electromagnetism, Electrodynamics, Atomic structure, Chemical bonding, Chemical reactions, Stoichiometry, Energy and Chemical change, Reaction rate, Chemical equilibrium, Electrochemistry, Ideal gasses, Properties of materials

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.