

University of Pretoria Yearbook 2016

Physics 220 (JFK 220)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	10.00
Prerequisites	No prerequisites.
Language of tuition	Both Afr and Eng
Academic organisation	Science, Maths + Techno Ed
Period of presentation	Semester 2

Module content

Liquids, gases and thermodynamics

Density, pressure: Pascal's law, Archimedes' principle, surface tension, flow, Bernoulli's equation. Temperature, thermal expansion, heat capacity, phase changes, first law of thermodynamics, heat transfer, ideal gasses, kinetic theory of gasses.

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