

University of Pretoria Yearbook 2021

Design and technology 210 (JOT 210)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	20.00
NQF Level	06
Programmes	BEd Senior Phase and Further Education and Training Teaching
Prerequisites	JOT 110 and JOT 120.
Contact time	4 lectures per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

This module aims to develop students' design problem solving capabilities in the context of electrical systems and control: atom theory, concepts such as voltage, current and resistance, current theory, electrical components and symbols, basic electric circuits, logic gates.

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