

University of Pretoria Yearbook 2022

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 2 lectures per week, 2 practicals 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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