

University of Pretoria Yearbook 2018

Design and technology 210 (JOT 210)

Qualification Undergraduate

Faculty [Faculty of Education](#)

Module credits 20.00

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.

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.