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# University of Pretoria Yearbook 2020

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## Design and technology 210 (JOT 210)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Education</a>
<b>Module credits</b>	20.00
<b>Programmes</b>	<a href="#">BEd Senior Phase and Further Education and Training Teaching</a>
<b>Prerequisites</b>	JOT 110 and JOT 120.
<b>Contact time</b>	4 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Science Mathematics and Technology Education
<b>Period of presentation</b>	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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