

# University of Pretoria Yearbook 2020

## Design and technology 220 (JOT 220)

**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 2

### Module content

This module aims to develop students' design problem solving capabilities in the context of mechanical systems and control: types of movement, mechanical advantage, mechanical components, pneumatic and hydraulic systems.

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