

# University of Pretoria Yearbook 2019

## Engineering graphics and design 230 (JTT 230)

**Qualification** Undergraduate

**Faculty** [Faculty of Education](#)

**Module credits** 12.00

**Programmes** [BEd Senior Phase and Further Education and Training Teaching](#)

**Prerequisites** MGC 110, JTT 120, WTW 134 or WTW 114 or WTW 158

**Contact time** 2 lectures per week, 2 practicals per week

**Language of tuition** Afrikaans and English are used in one class

**Department** Science Mathematics and Technology Education

**Period of presentation** Semester 1

### Module content

This module equips students to understand and teach Engineering graphics and design in the FET-Phase. The focus is on the role of visualization in the design process and visualization principles and instruments and free hand drawing and instrument drawing techniques contextualised for the Department of Education's curriculum requirements for Mechanical drawing.

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