

# University of Pretoria Yearbook 2018

## Engineering graphics and design 340 (JTT 340)

**Qualification** Undergraduate

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

**Module credits** 20.00

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

**Prerequisites** JTT 240

**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 2

### Module content

This module equips students to understand and teach Engineering graphics and design in the FET-Phase. The focus is on free hand drawing and CAD- drawing techniques contextualised for the Department of Education's curriculum requirements for advanced Mechanical drawing techniques and application. Primary and secondary manufacturing processes. Evaluation of drawings and error detection. Practical application of techniques.

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