

University of Pretoria Yearbook 2017

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 practicals per week, 2 lectures per week

Language of tuition Afrikaans and English is used in one class

Academic organisation Science, Maths + Techno Ed

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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