

University of Pretoria Yearbook 2019

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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