

University of Pretoria Yearbook 2022

Engineering graphics and design 340 (JTT 340)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	20.00
NQF Level	07
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	Module is presented in English
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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