

University of Pretoria Yearbook 2022

Engineering graphics and design 230 (JTT 230)

Qualification Undergraduate

Faculty [Faculty of Education](#)

Module credits 12.00

NQF Level 06

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 Module is presented in English

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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