

University of Pretoria Yearbook 2016

Electrical engineering design 320 (EWE 320)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	16.00
Programmes	BEng Electrical Engineering BEng Electrical Engineering Engage
Prerequisites	EIR 211/221 GS
Contact time	1 practical per week, 1 tutorial per week, 3 lectures per week
Language of tuition	English
Academic organisation	Electrical, Electronic and Com
Period of presentation	Semester 2

Module content

Introduction to system level design; the system design process; design for operational feasibility; power transformer design; power cable design; power capacitor design; protection system design; introduction to electrical design software; design project.

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