University of Pretoria Yearbook 2018

Process analysis 420 (CPS 420)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	8.00
Programmes	BEng Chemical Engineering
	BEng Chemical Engineering ENGAGE
Prerequisites	CPS 410
Contact time	1 tutorial per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Chemical Engineering
Period of presentation	Semester 2

Module content

Pinch analysis and exergy analysis. Optimisation techniques. Flowsheet optimisation. Economic evaluation of processes. Applications using computer packages.

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