



# University of Pretoria Yearbook 2022

## Control systems 320 (EBB 320)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module credits</b>	16.00
<b>NQF Level</b>	07
<b>Programmes</b>	<a href="#">BEng (Computer Engineering)</a> <a href="#">BEng (Computer Engineering) ENGAGE</a> <a href="#">BEng (Electrical Engineering)</a> <a href="#">BEng (Electrical Engineering) ENGAGE</a> <a href="#">BEng (Electronic Engineering)</a> <a href="#">BEng (Electronic Engineering) ENGAGE</a>
<b>Prerequisites</b>	ELI 220 GS
<b>Contact time</b>	1 practical per week, 1 tutorial per week, 3 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Electrical, Electronic and Computer Engineering
<b>Period of presentation</b>	Semester 2

### Module content

The module covers modelling in the frequency and time domain, time and frequency response, reduction of multiple subsystems, stability, controller design via root locus, controller design via frequency response and controller design via state space.

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