

# University of Pretoria Yearbook 2020

## Research project: Design and laboratory 733 (EPT 733)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Engineering, Built Environment and Information Technology</a>
<b>Module credits</b>	32.00
<b>Programmes</b>	<a href="#">BEngHons Computer Engineering</a> <a href="#">BEngHons Electrical Engineering</a> <a href="#">BEngHons Electronic Engineering</a> <a href="#">BEngHons Microelectronic Engineering</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	10 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 1 or Semester 2

### Module content

This module will include extensive laboratory experiments to test the principles and possible solutions of the proposed M Eng research project and will include inter alia the following. These will include hardware and/or software experiments:

- (i) Introduction to instrumentation and measuring techniques in general and specifically as applied in the field of research.
- (ii) Structured laboratory work to introduce the specific problem investigated for the research undertaken.
- (iii) Structured laboratory work to test the proposed solution for the problem addressed.
- (iv) Confirmation experiments.

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