



University of Pretoria Yearbook 2017

Research project: Design and laboratory 733 (EPT 733)

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| Qualification | Postgraduate |
| Faculty | Faculty of Engineering, Built Environment and Information Technology |
| Module credits | 32.00 |
| Programmes | BEngHons Computer Engineering BEngHons Electrical Engineering BEngHons Electronic Engineering BEngHons Microelectronic Engineering |
| Prerequisites | No prerequisites. |
| Contact time | 10 lectures per week |
| Language of tuition | Module is presented in English |
| Academic organisation | Electrical, Electronic and Com |
| Period of presentation | 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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