

EN8911

Engineering Research Project



Course Aim The course enables the student to apply the knowledge acquired from the degree programme. It allows the student to gain experience of research practices and discipline and also provides the opportunity for the student to extend their learning beyond the confines of an educational environment. The research experience provides an enhanced understanding and skills base and improved prospects for further study.

Short Title Research Project

Faculty EDICT

Polytechnic Level

Credits 30

Pre-requisites 60 BEngTech Mechanical Credits at level 7 and EN8913 (or ENB7913)

Co-requisites None

Anti-requisites None

Version 2

Effective From September 1, 2016

Indicative NQF Level 8

Student Contact hrs 30

Self-directed hrs 254

Other directed hrs 16

Total learning hrs 300

Learning Outcomes On successful completion of this course, students will be able to:

- 1 Apply the knowledge gained in the Bachelor of Engineering programme to an approved research project
- 2 Demonstrate employability skills required of a work ready graduate
- 3 Evaluate the proposed solution using appropriate research methodologies

NQF Sub-strand
Generic, Problem Solving and Analytical Skills
Communication, ICT, Numeracy
Autonomy, Responsibility, Context