

**APPROVED**

## EN8911: Engineering Research Project

### Course Details

Course Code:	EN8911
Course Title:	Engineering Research Project <b>APPROVED</b>
Short Title:	Research Project
Course Level::	Level 8
Valid From::	2021/2022 Sem 1
Credits::	30
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	The course enables the student to apply the knowledge acquired from the degree programme. It allows the student to gain experience of applied 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.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Apply the knowledge gained in the Bachelor of Engineering programme to an approved applied research project related to industry interests.
2	Demonstrate employability skills required of a work ready graduate
3	Critically evaluate and validate the proposed solution using appropriate research methodologies.
4	Propose, adopt and implement the most suitable solution for an applied research engineering problem taking into account legal, economic, commercial, safety, environmental and societal context.
5	Adopt a management framework for the design, development, analysis and evaluation of sustainable applied research engineering solutions.
Requisites	
<ul style="list-style-type: none"> <li>Pre Requisite: At least 90 credits at L7 from mandatory B.Eng Tech courses in the student's qualification, EN8913 and EN8923</li> </ul>	

No Examinations
<b>Other Controlled Assessments</b>
<b>Assessment Type</b> Presentation
<b>Uncontrolled Assessments</b>
<b>Assessment Type</b> Project (Individual)
<b>Assessment Type</b> Reflection

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
ENT8020	Bachelor of Engineering Technology (Mechanical)	3	Programme
ENT8031	Bachelor of Engineering Technology (Electronics)	4	Programme
ENT8040	Bachelor of Engineering Technology (Electrical)	2	Programme
ENT8050	Bachelor of Engineering Technology (Electromechanical)	2	Programme
ENT8060	Bachelor of Engineering Technology (Communications and Networks)	2	Programme
ENT8070	Bachelor of Engineering Technology (Chemical and Industrial Processes Engineering)	1	Programme
ENT8080	Bachelor of Engineering Technology (Civil)	1	Programme
ENT8090	Bachelor of Engineering Technology (Industrial Instrumentation and Automatic Control)	1	Programme
BEng Pr	Engineering Project	1	Group
ENGFP	Engineering Final Year Project	1	Group