

EN8098 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.

<b>Short Title</b>	EN8098	<b>Version</b>	Version 3
<b>Faculty</b>	EDICT	<b>Effective From</b>	September 1 2016
<b>Polytechnic Level</b>	7	<b>Indicative NQF Level</b>	8
<b>Credits</b>	60	<b>Student Contact hrs</b>	50
<b>Pre-requisites</b>	EN7035 (or ENB6035) or EN7909 (or ENB6909) or ENB6040	<b>Self-directed hrs</b>	550
<b>Co-requisites</b>	None	<b>Other directed hrs</b>	0
<b>Anti-requisites</b>	None	<b>Total learning hrs</b>	600

<b>Learning Outcomes</b>	On successful completion of this course, students will be able to:	<b>NQF Sub-strand</b>
1	Apply the knowledge gained in the Bachelor of Engineering programme to an approved research project	Practical Application of knowledge
2	Demonstrate employability skills required of a work ready graduate	Communication, ICT, Numeracy
3	Evaluate the proposed solution using appropriate research methodologies.	Generic, Problem Solving and Analytical Skills