

<b>Module 4</b>	Engineering Surveying
<b>Indicative Duration</b>	At least six months experience

This module is aimed to see the application of the surveying skills applied to Engineering Surveying projects. Professional responsibilities is essential for successful professional practice.

LEARNING TOPIC		COMPETENCY VERIFIED	
Engineering Surveys		Supervisor's Signature	Date
1	Engineering Surveys		
2	Construction set out		
3	As-constructed surveys		
4	Application of Quality procedures		
5	Management of Digital Data		
6	Application of a variety of technologies		

LEARNING TOPIC	LEARNING OUTCOME
1	Effectively carry out Detail and Topographic surveys. Use the full range of field and office tools to collect, manage and present data.
2	Read electronic and hard copy plans and effectively translate these to site. Liaise and communicate with clients, tradespersons and other professionals.
3	Understand the field processes and reporting mechanisms to meet contractual requirements to provide Quality Checks on construction projects.
4	Work under Quality systems in the application of engineering surveys, including applying external QA procedures to projects.
5	Understand the manipulation, delivery and archiving of digital data.
6	Merge technologies to provide efficient and innovative survey solutions.