

# ENGINEERING TECHNOLOGIST

## Summary Statement

These are the competency Units and Elements. These elements must be addressed in the Summary Statement (see Section C). If you are applying for assessment as an Engineering Technologist, you will need to download this page, complete it, and lodge it with your application.

Competency Element	A brief summary of how you have applied the element	Paragraph number in the career episode(s) where the element is addressed
<b>ET1 KNOWLEDGE AND SKILL BASE</b>		
ET1.1 Systematic, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the technology domain	I applied the fundamental engineering practices with the physical sciences adaption while using my civil engineering understanding.	CE 1.1, CE 1.4, CE 2.1, CE 3.1, CE 3.4
ET1.2 Conceptual understanding of the mathematics, numerical analysis, statistics and computer and information sciences which underpin the technology domain	I implemented the numerical concepts with the research and technical skills applied in the tenure for achieving the target project goals.	CE 1.3, CE 2.8, CE 3.7
ET1.3 In-depth understanding of specialist bodies of knowledge within the technology domain	I made adequate research regarding the adequate engineering objectives which resulted well in significantly enhancing the project results.	CE 1.6, CE 2.4, CE 3.4
ET1.4 Discernment of knowledge development within the technology domain	I developed the work with the knowledge discernment with the technology domain resulted in getting the desired project results.	CE 1.8, CE 2.9, CE 3.9
ET1.5 Knowledge of contextual factors impacting the technology domain	I worked on conducting various researches during the work tenure undertaken the project which brought adequate work results.	CE 1.10, CE 2.9, CE 3.10
ET1.6 Understanding of the scope, principles, norms, accountabilities and bounds of contemporary engineering practice in the technology domain	I carried out the work activities adequately with the norms and principles resulted well in getting the desired project goals.	CE 1.10, CE 2.11, CE 3.11
<b>ET2 ENGINEERING APPLICATION ABILITY</b>		
ET2.1 Application of established engineering methods to broadly-defined problem solving within the technology domain	I applied the techniques with the establishment of engineering practices which resulted well in achieving the required project goals.	CE 1.6, CE 2.8, CE 3.7
ET2.2 Application of engineering techniques, tools and resources within the technology domain	I worked on getting the selection of adequate components in the project for the purpose of getting the desired project results.	CE 1.12, CE 2.10, CE 3.10
ET2.3 Application of systematic synthesis and design processes within the technology domain	I implemented the design processes within the technology domain for the purpose of achieving the needed project	CE 1.8, CE 2.8, CE 3.11

	goals.	
ET2.4 Application of systematic approaches to the conduct and management of projects within the technology domain	I carried out the activities related to civil engineering field for conducting and analyzing various concepts for achieving the needed project goals.	CE 1.6, CE 2.10, CE 3.11
<b>ET3 PROFESSIONAL AND PERSONAL ATTRIBUTES</b>		
ET3.1 Ethical conduct and professional accountability	I professionally implemented the project activities which was applied in an ethical manner throughout the tenure.	CE 1.4, CE 2.3, CE 3.4
ET3.2 Effective oral and written communication in professional and lay domains	I conducted the adequate skills usage related to oral and communication skills for getting the needed project goals.	CE 1.9, CE 2.12, CE 3.10
ET3.3 Creative, innovative and proactive demeanour	I carried out the research regarding the creative and innovative technique related to civil engineering field for achieving the needed project goals.	CE 1.12, CE 2.10, CE 3.12
ET3.4 Professional use and management of information	I professionally utilized and managed the information for the purpose of achieving the required project outcome.	CE 1.6, CE 2.11, CE 3.11
ET3.5 Orderly management of self, and professional conduct	I did the implementation of the orderly management skills which assisted well in achieving the desired project goals.	CE 1.8, CE 2.8, CE 3.8
ET3.6 Effective team membership and team leadership	I effectively applied the team leadership skills in the work for getting the needed project results within the specified timeline.	CE 1.12, CE 2.9, CE 3.9