Assessment Schedule – 2019

Technology: Demonstrate understanding of how technological modelling supports technological development and implementation (91612)

Assessment Criteria

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrating understanding of how technological modelling supports technological development and implementation involves: • explaining how functional modelling is used to test competing and / or contestable factors to inform decisions during the development of a technological outcome • explaining how prototyping is used to inform decisions for implementation of a technological outcome	Demonstrating in-depth understanding of how technological modelling supports technological development and implementation involves: • explaining how evidence regarding competing and / or contestable factors is gained from different forms of modelling to justify decisions made during the development and implementation of a technological outcome.	Demonstrating comprehensive understanding of how technological modelling supports technological development and implementation involves: • discussing how modelling enables informed, responsive, and defensible decision-making during the development and implementation of a technological outcome.

Evidence

N1	N2	A3	A4	M5	M6	E7	E8
Demonstrates very little understanding, and / or is substantially reproduced with little mediation by candidate.	Report is substantially produced by the candidate but demonstrates little understanding. Not enough evidence to show understanding. One part of the required response may be completely missing or several parts may be weak.	Explains as required to show understanding. Some aspects may be partial or weak.	Explains as required to clearly show understanding.	Explains as required to show in-depth understanding. Some aspects may be partial or weak.	Explains as required to clearly establish in-depth understanding.	Discusses to show comprehensive understanding Some aspects may be partial or weak.	Fully discusses to clearly show comprehensive understanding.

N0 = No response; no relevant evidence.

Cut Scores

Not Achieved	Achievement	Achievement with Merit	Achievement with Excellence
0 – 2	3 – 4	5 – 6	7 – 8