

**Assessment Schedule – 2018****Technology: Demonstrate understanding of how technological modelling supports technological development and implementation (91612)****Assessment Criteria**

<b>Achievement</b>	<b>Achievement with Merit</b>	<b>Achievement with Excellence</b>
<p>Demonstrating understanding of how technological modelling supports technological development and implementation involves:</p> <ul style="list-style-type: none"> <li>explaining how functional modelling is used to test competing and / or contestable factors to inform decisions during the development of a technological outcome</li> <li>explaining how prototyping is used to inform decisions for implementation of a technological outcome</li> </ul>	<p>Demonstrating in-depth understanding of how technological modelling supports technological development and implementation involves:</p> <ul style="list-style-type: none"> <li>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.</li> </ul>	<p>Demonstrating comprehensive understanding of how technological modelling supports technological development and implementation involves:</p> <ul style="list-style-type: none"> <li>discussing how modelling enables informed, responsive, and defensible decision-making during the development and implementation of a technological outcome.</li> </ul>

**Evidence**

<b>N1</b>	<b>N2</b>	<b>A3</b>	<b>A4</b>	<b>M5</b>	<b>M6</b>	<b>E7</b>	<b>E8</b>
Demonstrates very little understanding, and / or is substantially reproduced with little mediation by candidate.	<p>Report is substantially produced by the candidate but demonstrates little understanding.</p> <p>Not enough evidence to show understanding.</p> <p>One part of the required response may be completely missing or several parts may be weak.</p>	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**

<b>Not Achieved</b>	<b>Achievement</b>	<b>Achievement with Merit</b>	<b>Achievement with Excellence</b>
0 – 2	3 – 4	5 – 6	7 – 8