

Assessment Schedule – 2012**Technology: Demonstrate understanding of redundancy and reliability in technological systems (91360)**

Final grades will be decided using professional judgement based on a holistic examination of the evidence provided against the criteria.

Issues from the Specifications

Authentic candidate submissions will be recognisable because of specific contexts associated with the work. This does not imply that submissions will arise only from the candidate's practice. However, where the candidate's practice does not provide the immediate source of a specific context, one would expect to see that several sources of information relating to modelling had been applied within a specific context. In both cases, the marker will be able to detect the candidate's voice. In situations where information does not have some aspect of student voice, it is difficult to establish whether the candidate has actually demonstrated understanding or simply identified information.

Candidates who have simply identified information by reproducing information from sources without making use of that information have not demonstrated understanding.

Where a candidate has provided a brief answer, the answer should not be penalised because of length.

Candidate work in excess of 14 pages should not be marked.

Where work is illegible, it cannot be marked.

Digital submissions that cannot be read cannot be marked.

| Achievement | Achievement with Merit | Achievement with Excellence |
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| <p>Demonstrate understanding of redundancy and reliability in technological systems involves.</p> <p>explaining the importance of redundancy in the development of a technological system</p> <p>explaining the importance of reliability in the development of a technological system</p> <p>describing how redundancy was applied and reliability was addressed in a technological system.</p> | <p>Demonstrate in-depth understanding of redundancy and reliability in technological systems involves.</p> <p>explaining why decisions regarding redundancy and reliability were made in the development of a technological system</p> | <p>Demonstrate comprehensive understanding of redundancy and reliability in technological systems involves.</p> <p>discussing how redundancy and reliability implications influenced design and maintenance decision making in the development of a system.</p> |