

**Digital Technology 1.2 AS 92005 V3 5 Credits**  
**Assessment Schedule**

Student Name:

Assessor: CHG

Achievement		Achievement with Merit		Achievement with Excellence	
Develop a digital technologies outcome		Refine a digital technologies outcome		Enhance a digital technologies outcome	
<p>The student is able to:</p> <ul style="list-style-type: none"> <li>• use python to construct a program that performs the task <b>and compiles</b></li> <li>• test and debug the program showing that it works on <b>expected cases (testing table)</b></li> <li>• document <b>the program with comments</b>. # Inline comments</li> </ul> <p>The computer program has all of:</p> <ul style="list-style-type: none"> <li>○ store at least two types of data in variables</li> <li>○ take input from a user, sensor, or another external source</li> <li>○ produce output based on the program control flow</li> <li>○ use sequence, selection, and iteration control structures</li> <li>○ use data stored in a collection.</li> </ul>	<p>✓</p> <p>✓</p>	<p>The student is able to:</p> <ul style="list-style-type: none"> <li>• use succinct and descriptive variable names</li> <li>• document the program with comments that clarify the purpose of code sections <ul style="list-style-type: none"> <li>○ such as applying PEP8 guidelines for functions/loops/headers</li> </ul> </li> <li>• test and debug the program to ensure it works on <b>expected and boundary cases</b>.</li> </ul>	<p>✓</p>	<p>The student is able to:</p> <ul style="list-style-type: none"> <li>• use conditions and control structures effectively <ul style="list-style-type: none"> <li>○ Such as correct use of functions to reduce repeated code</li> </ul> </li> <li>• use constants, variables, or derived values in place of literals to make the program flexible <ul style="list-style-type: none"> <li>○ Such as allowing support for adding/changing questions by only changing a minimum amount of code</li> </ul> </li> <li>• test and debug the program to ensure it works on expected, boundary, and invalid cases.</li> </ul>	

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

Assessor Comment:

Grade:

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_