

Unit Title:	Plants in Environmental Design
Unit Level:	Three
Unit Credit Value:	3
Unit Code:	WNI677
Unit Type:	Academic Subject Content
Unit Review Date:	31/12/2028
Graded / Ungraded:	Graded

This unit has 4 learning outcomes:

Learning outcomes	Assessment criteria
The learner will:	The learner can:
1. Understand plant structure and function.	1.1 Identify the main structures of flowering plants (angiosperms). 1.2 Explain parts of the plant in relation to their function.
2. Understand physiological processes occurring in plants.	2.1 Describe respiration and photosynthesis in plants. 2.2 Explain environmental factors affecting rates of respiration and photosynthesis. 2.3 Explain the role of water in the plant and how plants control water uptake and loss. 2.4 Explain the adaptations of plants to dry and wet environments.
3. Understand factors affecting plant growth.	3.1 Evaluate how site, soil, climate and environmental conditions affect plant growth.
4. Understand morphological and physiological plant adaptations and their roles in growth and survival of angiosperms.	4.1 Explain how plants have adapted to a range of environmental conditions. 4.2 Compare and contrast the morphology and anatomy of dicotyledons and monocotyledons.

Assessment (Graded)

1. Meets assessment criteria	At least a Pass
2. Further grading	
▪ Meets assessment criteria but not merit grading standards	Pass
▪ Meets assessment criteria and merit but not distinction grading standards	Merit
▪ Meets assessment criteria and distinction grading standards	Distinction