



Australian Government

NWP70107 Graduate Certificate in Water Industry Leadership

Release: 2

Modification History

NWP70107 Release 2: Layout adjusted. No changes to content.
NWP70107 Release 1: Primary release.

Description

The Vocational Graduate Certificate in Water Industry Leadership supports graduate entrants to the water industry who require industry-specific context to add to their broad academic education gained in, for example, engineering, applied science or chemistry. It also supports experienced existing workers seeking to extend their career opportunities.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Qualification code: NWP70107

Qualification title: Vocational Graduate Certificate in Water Industry Leadership

The following table contains a summary of the employability skills as identified by the water industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include the following facets:
Communication	• communicates development, implementation and maintenance of policy, processes and strategy within the water organisation • communicates effectively with staff, contractors and customers • interprets a range of complex and technical documents, including relevant: • regulatory, legislative, licensing and organisational requirements • codes and standards • discusses and advocates organisational issues • communicates compliance and reporting information to team members • takes a leadership role in ensuring workforce compliance with standards, regulations and policies • articulates complex ideas clearly • analyses and evaluates reports and reference materials
Teamwork	• demonstrates leadership within work teams and business units • collaboratively and effectively develops, implements and oversees operational and strategic plans • works collaboratively with relevant stakeholders • plans, applies and monitors reporting processes • supervises and checks others' work, monitors work processes and ensures safe work practices • coordinates a range of team members and activities • relates positively to fellow workers and the management team
Problem solving	• analyses and identifies trends related to the management of water resources • leads organisational planning processes • analyses and reviews the capacity of relevant technology and applies it to the solving of problems • responds effectively to hazards, risks and emergencies • oversees processes within the water industry to ensure the effective and continuous provision of water services • analyses problems and applies appropriate remedial solutions • uses and analyses complex data in decision making
Initiative and	• develops strategies, policies and plans aimed at ensuring the

Employability Skill	Industry/enterprise requirements for this qualification include the following facets:
enterprise	- sustainable use of water - conducts research to underpin the planning process - identifies work processes and practices to improve organisational performance - analyses the structure and challenges of the water industry - identifies complex faults and problems and takes necessary remedial action - identifies, pursues and promotes opportunities for improved water management
Planning and organising	- leads the effective development of high-level planning processes - plans and participates in the effective delivery of services - improves policies, plans and processes - plans for environmental sustainability - periodically reviews risk management or control plans and assesses them for their adequacy, timeliness and effectiveness in risk mitigation - undertakes evidence-based short, medium and long-range planning - plans processes
Self management	- manages own performance - manages work priorities - coordinates a range of tasks to ensure efficient completion - assesses project outcomes for compliance with required quality standards - negotiates required changes to project plans - develops risk management or control plans to eliminate or reduce the potential for risk events and consequences - uses feedback to improve own performance
Learning	- seeks feedback on organisational and work performance - identifies quality management methods, techniques and tools used to support project management - performs complex research to maintain currency of knowledge and practice - analyses technical and financial information - uses information effectively to improve work performance - identifies potential or actual operational problems - researches and interprets social trends - learns from colleagues as part of effective teamwork
Technology	uses IT systems to manage and communicate the planning process

Employability Skill	Industry/enterprise requirements for this qualification include the following facets:
	• uses complex water system management technology • understands capabilities and limitations of organisation's plant, equipment and tools • uses technology to improve efficiency and effectiveness of managing work

The diverse nature of the roles undertaken by the candidates and the equally diverse nature of the experience they bring to the roles they are performing means that the facets of the above employability skills are representative of the water industry in general and may not reflect specific job roles. Learning and assessment strategies for this qualification should be based on the requirements as identified in units of competency that meet packaging guidelines. This table is a summary of employability skills that are typical of this qualification and should not be interpreted as definitive.

Packaging Rules

To achieve this qualification the candidate must demonstrate competency in four of the units listed below.

Unit code	Unit title
NWP701A	Contribute to the development of a complex water organisation
NWP702A	Apply water industry legislation, codes and standards
NWP703A	Lead water planning processes
NWP704A	Lead a project development
NWP705A	Provide leadership in hydrometric network planning and water resource management
NWP706A	Review and evaluate water and wastewater sustainability objectives
NWP707A	Analyse and review water treatment plant technology