



Australian Government

TAELED802 Investigate the application of ICT content knowledge

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with <i>TAE Training and Education Training Package Version 2.0</i> .

Application

This unit describes the skills and knowledge required to analyse and apply effective information and communications technology (ICT) solutions, and practices, to meet the needs of various educational institutions.

It applies to practitioners working to develop and apply a wide range of ICT knowledge. It equips educators to knowledgeably analyse, and apply, various technologies in an educational setting.

Educators may need to seek the assistance of an ICT technical specialist, depending on the limitations of their own technical skills and knowledge.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Learning and development

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify ICT standards and trends for an educational context	1.1 Identify <i>hardware and software</i> standards currently in use 1.2 Identify and analyse <i>network technology</i> standards currently in use 1.3 Analyse trends in the deployment of ICT in education and learning
2. Analyse competing	2.1 Identify specific educational requirements that can be met by

ELEMENT	PERFORMANCE CRITERIA
new technology solutions	technology 2.2 Identify the range of functions and capabilities supplied, by <i>benchmarking competing technologies</i> 2.3 Select <i>critical features</i> of competing technologies for analysis 2.4 Conduct an analysis of technologies using various performance indicators 2.5 Select and report on appropriate new technology, by considering the analysis of critical features
3. Develop a strategy to optimise current technology	3.1 Identify unused capacity in existing technology 3.2 Identify applications for unused capacity appropriate to educational outcomes 3.3 Develop, and present where required, a strategy for exploiting additional capacity 3.4 Assess the cost and efficiency of the strategy against available resources and budgets 3.5 Recommend a course of action in line with the assessment

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.4	Sources, analyses and interprets written information to identify relevance for planning and developing an ICT strategy in an educational context
Writing	2.5, 3.3, 3.5	Produces documentation relevant to context, using the language, format and style appropriate to a specific audience and context
Oral communication	2.5, 3.3, 3.5	Leads communication to provide and elicit information, and describe recommendations effectively
Numeracy	2.2, 2.3, 2.4, 3.1, 3.4	Collates, interprets and reports on the costs, and efficiency, of technology solutions to support analysis and decision making
Get the work	1.1-1.3, 2.1-2.5,	Plans, organises and completes work according to

done	3.1-3.5	strategic requirements, taking high-level responsibility for decisions, and sequencing tasks to achieve effective and efficient outcomes • Uses systematic, analytical processes in complex, non-routine situations gathering information, and identifying and evaluating options based on emerging trends and organisational strategy • Uses ICT-based tools to conduct research, evaluate products, monitor trends, provide information, and to complete work tasks
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
TAELED802 Investigate the application of ICT content knowledge	TAELED802A Investigate the application of ICT content knowledge	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=35337905-785d-4f93-8777-e9991ad4c6c3>