



Australian Government

TLIK5006 Evaluate software requirements and hardware enhancements

Release: 1

TLIK5006 Evaluate software requirements and hardware enhancements

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to evaluate software requirements and hardware enhancements in accordance with relevant regulations, standards and codes of practice and workplace procedures.

It includes analysing requirements for improved computer applications, evaluating relevant software, investigating appropriate hardware enhancements, implementing system improvements and measuring systemic improvement.

Work is under general guidance on progress and outcomes. It requires discretion and judgement for self and others in planning and using resources, services and processes to achieve required outcomes.

The unit generally applies to those with responsibility for resource coordination and allocation, and who lead individuals or teams.

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

Pre-requisite Unit

Not applicable.

Competency Field

K – Technology

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Analyse requirements for

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Current aspects of business operations requiring

- improved computer applications** improved computer technology are identified
- 1.2 Purpose and requirements of improved computer management systems are identified
 - 1.3 Personnel are consulted for expert advice for potential matches of computer applications to required site operation improvements
- 2 Evaluate software**
- 2.1 Potential software programs are evaluated to meet workplace requirements
 - 2.2 Software applications are investigated for effectiveness to own operation including degree of flexibility, customisation and integration potential
 - 2.3 Selected option is circulated to appropriate personnel for verification
 - 2.4 Level of technical support is assessed
 - 2.5 Software application selection is made
- 3 Investigate hardware enhancements**
- 3.1 Hardware systems are evaluated for compatibility with selected software and workplace operations
 - 3.2 Potential immediate and long-term risks/problems with hardware are identified and assessed
 - 3.3 Recommendations are drafted and circulated for comment
 - 3.4 Final recommendations on suitable hardware are made
- 4 Implement system improvement**
- 4.1 Selected hardware and software enhancements are implemented
 - 4.2 Training is provided to potential users of the technology
 - 4.3 Implementation of hardware and software is monitored
- 5 Measure systemic improvement**
- 5.1 Methods of measuring system performance are identified
 - 5.2 Software and hardware performance is evaluated
 - 5.3 System refinements or improvements are determined and implemented
 - 5.4 System performance is documented and reported to

appropriate personnel

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIK5006A Evaluate software requirements and hardware enhancements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>