



Australian Government

UEECS0026 Plan industrial computer systems projects

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to plan industrial computer systems projects.

The unit includes establishing budgets; conducting critical path analysis; developing workflow strategies; and documenting, presenting and negotiating budgets.

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

Pre-requisite Unit

Not applicable

Competency Field

Computer Systems

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to plan project

PERFORMANCE CRITERIA

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

- 1.1 Work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures for a given work area are identified, obtained and applied
- 1.2 Project planning techniques are reviewed and implemented in accordance with workplace procedures

	1.3	Scope of the project is determined from design brief, specifications and/or relevant documentation and discussions with relevant person/s
2 Develop project plan proposal	2.1	Estimated plant, material, labour and relevant costs are sought and obtained from relevant person/s in accordance with workplace procedures
	2.2	Project budget is determined from estimated plant, material, labour and relevant costs in accordance with workplace procedures
	2.3	Critical path analysis is applied to developing workflow strategies
	2.4	Sources and availability of materials and human resources required for the project are determined in accordance with workplace procedures
	2.5	Risk management strategies are sought and obtained for incorporating into the project plan
	2.6	Project plan is reviewed and adjusted to rectify any anomalies in accordance with design brief, specifications and workplace procedures
	2.7	Project plan proposal is documented in accordance with workplace procedures
3 Obtain approval for project plan	3.1	Project plan is presented and discussed with relevant person/s of authority
	3.2	Alterations to the project plan resulting from the presentation/discussion are negotiated with relevant person/s in accordance with workplace procedures
	3.3	Final project plan is documented and approval obtained from relevant person/s

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 may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Planning of a computer system project must include at least all of the following features:

- redundancy
- scalability
- 100 users
- catering multiple operating systems.

Unit Mapping Information

This unit replaces and is equivalent to UEENEED148A Plan industrial computer systems projects.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>