



Australian Government

UEEIC0050 Plan instrumentation and control 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 instrumentation and control projects.

It includes applying critical path analysis; developing workflow strategies; and documenting, presenting and negotiating budgets and timelines.

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

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Competency Field

Instrumentation & Control

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) processes and workplace procedures for a given work area are identified, obtained and applied
- 1.2 Techniques for project planning are reviewed and adopted in accordance with workplace procedures
- 1.3 Instrumentation and control project is determined from design brief specification and/or relevant documentation

		and in 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 project are determined in accordance with workplace procedures
	2.5	Risk management strategies are sought and obtained in accordance with project plan
	2.6	Project plan is reviewed against inputs and adjusted to rectify any anomalies
	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
	3.2	Alterations to the project plan from presentation/discussion are negotiated with relevant person/s in accordance with workplace procedure
	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.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEI135A Plan instrumentation and control projects.

Links

Companion Volume implementation guides are found in VETNet - -

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