



Australian Government

UEECO0019 Contribute to the conduct of a research project

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 contribute to the conduct of a research project.

It includes identifying information sources, collecting and analysing information in accordance with research project objectives. It also includes compiling and presenting results in accordance with workplace procedures.

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

Pre-requisite Unit

Not applicable

Competency Field

Commercial

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Confirm research parameters

PERFORMANCE CRITERIA

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

- 1.1** Consultation with relevant person/s is undertaken to ensure scope, objectives and outcomes of research are identified
- 1.2** Timeframes, resources, budget and quality standards for research are confirmed and applied

	1.3	Research methodology and strategies are confirmed and agreed
2 Identify sources and availability of information	2.1	Type and range of information required is identified for research objectives
	2.2	Information sources are identified and evaluated for contribution to research
	2.3	Protocols and workplace procedures required to access information are identified and relevant action taken
	2.4	Availability of material is identified and relevant action taken
	2.5	Obstacles to the collection of information are identified and relevant action taken
3 Collect information for research objectives	3.1	Information collection methods are applied in accordance with workplace procedures and agreements with information sources
	3.2	Types and range of information collected is in accordance with research objectives
	3.3	Information is recorded in relevant format in accordance with workplace procedures
4 Analyse and compile research information	4.1	Methods of analysis and compilation are confirmed as relevant for the information collected and research objectives
	4.2	Methodologies and current technological developments are incorporated in accordance with relevant industry standards
	4.3	Results are obtained within specified time, budget and quality constraints
	4.4	Results are recorded in relevant format in accordance with workplace procedures
	4.5	Results are interpreted and conclusions documented
	4.6	Results and conclusions are reviewed with relevant person/s
5 Present research	5.1	Report/summary/presentation detailing research results and conclusions is developed in accordance with

conclusions

workplace procedures

- 5.2 Confidential information is protected in accordance with agreements and/or workplace procedures
- 5.3 Sources of information are acknowledged or cited in a recognised and relevant format
- 5.4 Success of the research methodology is evaluated against research objectives

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 UEENEER002B Contribute to the conduct of a research project.

Links

Companion Volume implementation guides are found in VETNet - -

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