



Australian Government

Assessment Requirements for UEEEC0043 Manage computer systems/electronics 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.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and include:

- accurately establishing the scope of the project
- coordinating work with relevant personnel
- dealing effectively with unplanned events
- developing project plans
- developing work breakdown structure (WBS)
- effectively managing resources and variations
- implementing relevant risk identification, assessment, reporting and control strategies
- implementing relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- maintaining records and submitting progress reports
- managing time effectively
- meeting project outcomes
- resolving conflicts
- verifying the project technical design, modification, installation and/or maintenance of system and equipment parameters.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- computer systems/electronics project management, including:
 - concepts and practices of managing:
 - communication
 - contracts
 - customer/client relations
 - human and physical resources

- procurement
- quality
- risk
- electronic/computer systems industry sector customs and practices
- financial management:
 - costs, variations and estimations
 - project budgets
- performance assessment and continuous improvement
- principles of project planning and management:
 - defining project parameters
 - project phases and the relationship between phases
 - project scope
 - project stakeholders and clients
 - quality requirements and limitations
 - resource requirements and limitations
 - time requirements and limitations
- relevant industry standards, codes and regulations
- time management
- relevant manufacturer specifications
- job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- WBS.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE)

currently used in industry

- resources that reflect current industry practices in relation to managing electronic/computer systems projects
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet - -

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