



Australian Government

DEF43215 Certificate IV in Simulator Maintenance

Release 2

DEF43215 Certificate IV in Simulator Maintenance

Modification History

Release	Comments
1	This qualification was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

Qualification Description

This qualification has been designed to provide a package of broad and flexible competencies reflecting the workplace responsibilities to trouble-shoot, repair and maintain electronic and mechanical components of simulators used in training (for example pilot training). Skills involve the use of specialized tools, test equipment, built-in diagnostic equipment and technical data to isolate and locate faulty components or system malfunctions.

It qualifies individuals who apply a broad range of specialised knowledge and skills in varied contexts to undertake skilled work in simulator maintenance.

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

Packaging Rules

14 units of competency are required for this qualification:

- 7 core units
- 7 elective units

Choose a minimum of 5 elective units from the list below, of which at least 4 must be taken from Group A.

Choose the remaining 2 elective units from either the list below, or from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected from outside this qualification must reflect the occupational and learning outcomes of this AQF qualification level. Seek further advice on selecting imported units of competency in the DEF Implementation Guide.

Elective units selected must not duplicate content already covered by other units in this qualification.

Core units

DEFSIM001	Fault find and repair simulator power distribution and control systems
DEFSIM002	Fault find and repair simulator computer systems and peripheral hardware
DEFSIM003	Fault find and repair simulator image generator and visual display systems
DEFSIM004	Fault find and repair simulator motion and control loading systems
DEFSIM005	Fault find and repair simulator sound systems
DEFSIM008	Work effectively with simulator systems
DEFSIM009	Operate the simulator for testing purposes
Group A: Specialisation units	
DEFSIM006	Fault find and repair simulator weapons systems
TLIX4031A	Apply knowledge of configuration management
DEFSIM007	Conduct simulator performance evaluation
MEM07001B	Perform operational maintenance of machines/equipment
BSBWHS301	Maintain workplace safety
BSBMGT402	Implement operational plan
BSBMGT403	Implement continuous improvement
BSBWHS201	Contribute to health and safety of self and others
ICTICT206	Install software application
ICTICT302	Install and optimise operating system software
ICTICT303	Connect internal hardware components
ICTSAS203	Connect hardware peripherals
ICTSAS205	Maintain IT system integrity
TLIX4032A	Apply knowledge of technical regulatory framework

Group B: General elective units	
BSBCUS402	Address customer needs
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
BSBSUS301A	Implement and monitor environmentally sustainable work practices
BSBWOR501	Manage personal work priorities and professional development
DEFGEN006	Work with equity and diversity
HLTAID003	Provide first aid
DEFGEN005	Develop relationships with other organisations
PUAOPE015	Conduct briefings/debriefings
DEFGEN001	Work in a team
TLID1001A	Shift materials safely using manual handling methods
TLID2010A	Operate a forklift
TLID2013A	Move materials mechanically using automated equipment
TLID3043A	Shift loads using gantry equipment
TLIO1002A	Follow security procedures when working with passengers and personnel

Qualification Mapping Information

No equivalent qualification.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>