



**Australian Government**

# **DEF50420 Diploma of Simulator Maintenance Management**

**Release 1**

# DEF50420 Diploma of Simulator Maintenance Management

## Modification History

Release 1. This is the first release of this qualification in DEF Defence Training Package Release 4.0.

## Qualification Description

This qualification has been designed to provide a package of broad and flexible competencies reflecting the workplace responsibilities of a simulator maintenance manager and a senior simulator technician. These technicians can manage simulator maintenance as well as complete complex testing, fault finding and evaluation of simulation equipment. It qualifies individuals who apply maintenance management and integrated technical and theoretical concepts in a broad range of contexts to undertake advanced skilled or paraprofessional work in simulator maintenance.

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

## Packaging Rules

12 units of competency are required for this qualification:

- 2 core units
- 10 elective units

Choose a minimum of 8 elective units from the list below, of which at least 6 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.**

Where imported units are selected, care must be taken to ensure that all prerequisite units specified are complied with.

### Core units

DEFSIM014 Work effectively with simulator systems

DEFSIM010 Apply knowledge of simulator systems and architecture

**Group A: Specialisation units**

DEFSIM020	Conduct simulator performance evaluation
DEFSIM013	Manage simulator accreditation or in service testing
DEFPBC005	Operate a performance based contract
PSPPCM008	Manage contract performance
BSBSTR502	Facilitate continuous improvement
BSBWHS521	Ensure a safe workplace for a work area
BSBOPS504	Manage business risk
TLIX4032	Apply knowledge of technical regulatory framework
TLIX5021	Manage configuration management processes
MSS402080	Undertake root cause analysis
MSS404085	Undertake proactive maintenance analyses
MSS405031	Undertake value analysis of product or process costs in terms of customer requirements
MSS405081	Develop a proactive maintenance strategy
TLIB5010	Plan and implement maintenance schedules
TLIX4029	Apply knowledge of integrated logistics support
TLIX5020	Develop and review configuration management plans
TLIX5036	Manage and monitor technical data and information systems

**Group B: General elective units**

BSBOPS505	Manage organisational customer service
BSBFIN501	Manage budgets and financial plans
BSBINS501	Implement information and knowledge management systems
BSBSTR501	Establish innovative work environments
BSBHRM523	Coordinate the learning and development of teams and individuals
BSBLDR522	Manage people performance

BSBOPS502	Manage business operational plans
BSBPMG430	Undertake project work
BSBPEF501	Manage personal and professional development
ICTICT304	Implement system software changes
ICTNWK311	Install and test network protocols
ICTNWK429	Install hardware to networks
ICTNWK430	Deploy software to networked computers
DEFGEN007	Conduct risk assessment in a Defence environment
PUAOPE015	Conduct briefings and debriefings

## Qualification Mapping Information

This qualification supersedes and is not equivalent to DEF53215 Diploma of Simulator Maintenance.

## Links

Companion Volume Implementation Guides are found on VETNet -

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