



Australian Government

Department of Education, Employment and Workplace Relations

DEF31612 Certificate III in Artillery Operations

Release: 1

DEF31612 Certificate III in Artillery Operations

Modification History

Not applicable.

Description

Not applicable.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for DEF31612 Certificate III in Artillery Operations

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the DEF31612 Certificate III in Artillery Operations have been reproduced in the table below.

This table provides an example of Employability Skills for the qualification because Employability Skills within a qualification will vary depending on the qualification packaging options.

Employability Skill	Employability Skills Statement
Communication	<p>Defence qualifications have core units (which must be achieved) and elective units (where there is a choice of units which must be achieved) so different Employability Skills Summaries are possible within the one qualification, depending on the package of core units and chosen elective units.</p> <ul style="list-style-type: none"> • adjust own communication styles to reflect equity and diversity principles • apply appropriate techniques when providing constructive feedback to other team members and when giving and receiving support to/from team members • apply interpersonal and cross-cultural communication strategies • communicate information quickly, clearly and accurately • complete and maintain documentation and records • ensure that information, knowledge and skills are communicated effectively and shared • follow legislative and statutory requirements • follow organisational policies and guidelines • follow standard procedures, safety procedures and instructions • interpret data produced by the radar and used to assist command decisions • provide information and interpret directions/orders from a supervisor • record and communicate data (such as survey or meteorological) • report faults and defects to supervisor including defects with firing • send and receive simple non-verbal signals
Teamwork	<ul style="list-style-type: none"> • recognise, value and adjust own behaviour to individual differences in the workplace by treating others with respect and dignity • work as part of a team such as a two-person survey team or a gun detachment team • work in an acceptable and non-discriminatory manner while establishing rapport and good working relationships with all colleagues

Problem solving	<ul style="list-style-type: none"> • conduct a field survey to determine fixation and orientation • conduct operating maintenance in accordance with procedures • confirm operational performance and accuracy of the radar and take appropriate action where performance is out of limits • continually assess the environment to identify the threat or their sign • identify weaknesses for exploitation • minimise personal signature • report or correct faults or difficulties within own ability by using basic fault finding skills • select the type of camouflage required for a particular situation • use tactical techniques and procedures and target recognition • verify results for omissions and errors by re-checking visual clues in measurements or actual data
Initiative and enterprise	<ul style="list-style-type: none"> • use improvised techniques appropriately such as minimising personal signature
Planning and organising	<ul style="list-style-type: none"> • assess factors influencing camouflage and concealment • assess the environment so that appropriate camouflage and concealment techniques can be applied • assess the tactical situation so that appropriate camouflage and concealment techniques can be applied • assess threat's detection capabilities • complete administration duties in accordance with procedures • gather meteorological data • prepare for meteorological operation • prepare for survey • prepare weapon for movement and firing • select appropriate routes • set up radar • understand and apply throughout operation, occupational health and safety requirements and recognised safety precautions including those contained in the Australian Defence Force procedures
Self-management	<ul style="list-style-type: none"> • comply with workplace equity and diversity practices • conduct self in a manner that shows sensitivity to the differences between colleagues • recognise the limit of own authority • work without supervision
Learning	<ul style="list-style-type: none"> • compile meteorological data • conduct weapon drills • develop a detailed understanding of weapon systems, field surveys, personal camouflage and concealment

Technology	<ul style="list-style-type: none"> • conduct equipment maintenance • ensure radar is operated in accordance with standard procedures • maintain equipment such as a weapon, survey equipment or meteorological equipment for serviceability • ensure targets are sighted and tracked using the system • prepare and operate a radar or weapon • safely handle, aim, fire, manoeuvre and maintain line of sight ground based air defence weapon systems • use ammunition under supervision • use communications and signalling devices • use emergency devices (e.g. parachute, life-raft) and weapons • use equipment/instruments including ancillary equipment or survey equipment
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Packaging Rules

Qualification Requirement: 19 units

All 4 core units, plus 10 units from the specialisation elective units, plus 5 general elective units

Specialisation elective units should be selected from the fields that most closely align to an individual's occupational outcomes.

The 5 general elective units may be taken from the general elective units listed below, or may include 2 units taken from within this Training Package or any other endorsed Training Package at the same qualification level or a higher level.

Code	Core Units
DEFCA003B	Operate a radar to locate targets
OR	
DEFCA201B	Operate indirect fire weapons
OR	
DEFCA202B	Conduct field survey to determine fixation and orientation
OR	
DEFCA203B	Produce meteorological data
OR	
DEFCA204B	Destroy hostile air targets using line of sight ground based air defence weapon systems
DEFM001B	Use personal camouflage and concealment in a threat environment
DEFEQ001C	Work with equity and diversity
BSBCM0211A	Participate in workplace safety procedures

Code	Specialisation Elective Units
Combat Field	
DEFCA001B	Observe and monitor hostile areas to detect targets
DEFCA002B	Operate remote sensors to detect targets
DEFCA004B	Conduct military searches
DEFCA005B	Operate communications equipment
DEFCA006B	Perform an individual free fall parachute descent
DEFCA007B	Perform an individual free fall parachute descent carrying combat equipment
DEFCA008B	Perform an individual static line parachute descent
DEFCA009B	Perform an individual static line parachute descent carrying combat equipment
DEFCA010B	Perform a team free fall parachute descent carrying combat equipment

DEFCA205B	Observe targets and direct single asset firepower on a single target
DEFCA206B	Observe targets and coordinate multi asset firepower on multiple targets
DEFCA401B	Undertake security operations
DEFCA402B	Undertake defensive operations
DEFCA403B	Undertake offensive operations
DEFCA404B	Undertake reconnaissance tasks
DEFCA405B	Undertake surveillance patrol tasks
DEFCA401B	Maintain security in a Defence communications and information systems environment
PUAOPE003B	Navigate in urban and rural environments

Weapons Field

DEFCA406B	Operate a service pistol
DEFCA407B	Operate a sustained fire machine gun
DEFCA408B	Operate sustained fire machine guns on operations
DEFCA409B	Operate a shotgun
DEFCA410B	Throw grenades on operations
DEFCA411B	Operate a grenade launcher
DEFCA412B	Operate a mortar
DEFCA413B	Operate a direct fire support weapon
DEFCA414B	Operate direct fire support weapon systems on operations
DEFCA415B	Operate anti-personnel weapon
DEFCA416C	Employ hand operated pyrotechnics
DEFCA417B	Destroy targets using a direct fire guided weapon system
DEFCA419B	Operate a service rifle on operations
DEFCA420B	Operate a light support weapon on operations
DEFM101C	Operate a service rifle

**Explosive
Ordnance Field**

DEFEO101D	Work safely with explosive ordnance
DEFEO706D	Participate in the conduct of explosive ordnance disposal operations
DEFEO711C	Conduct military demolition operations
DEFEO712C	Lay and clear booby traps
DEFEO713C	Lay and clear mines

**Safety and
Emergency Field**

DEFOH005B	Apply radio frequency radiation safety procedures
DEFOH007B	Apply ionising radiation safety procedures
DEFOH009B	Work safely with lasers
DEFOH012B	Identify confined space
DEFOH013B	Enter confined space
DEFOH014B	Test confined space environment
PUAEME001B	Provide emergency care
PUAFIR207B	Operate breathing apparatus open circuit
PUAFIR308B	Employ personal protection at a hazardous materials incident

Transport Field

DEFCA304B	Prepare, operate and maintain small watercraft
DEFTP001B	Operate a vehicle in an environment of threat
DEFTP002B	Operate a vehicle at night
DEFTP003B	Operate a vehicle over difficult terrain
DEFTP004B	Operate a vehicle using night fighting equipment (NFE)
DEFTP005B	Operate a multi-axle trailer
BCCPO3002B	Conduct dozer operations

TDMMC901B	Manoeuvre a domestic vessel of less than 12 metres in length operating within inshore limits
TDMMH1202A	Plan and navigate a short voyage within inshore limits
TDTC2501A	Operate four wheel drive vehicle
TDTC297B	Drive light rigid vehicle
TDTC397B	Drive medium rigid vehicle
TDTC497C	Drive heavy rigid vehicle

Code	General Elective Units
BCG1006A	Use small plant and equipment
BSBCM203A	Communicate in the workplace
BSBCM206A	Process and maintain workplace information
BSBSUS201A	Participate in environmentally sustainable work practices
HLTFA2A	Apply advanced first aid
PSPGOV204B	Access and use resources
PSPGOV207A	Use technology in the workplace
DEFEO201C	Respond to fire
PUATEA001B	Work in a team
PUATEA005A	Manage own professional performance
RTC1301A	Operate basic machinery and equipment
RTC2304A	Operate and maintain chainsaws
