



Australian Government

AHCTRF503 Develop sports turf management programs

Release: 1

AHCTRF503 Develop sports turf management programs

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to develop sports turf management programs including turf establishment programs, extension/redesign, turf surface upgrades and renovation programs based on the organisation's available resources.

It applies to sports turf managers, such as golf course superintendents, 'grow in' superintendents, project managers and turf contractors, who have a responsibility for developing short-term, annual and on-going sports turf management and maintenance programs.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Pre-requisite Unit

Nil.

Unit Sector

Turf (TRF)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Research turf management principles	1.1 Establish or develop project briefs 1.2 Determine principles underpinning sports turf growth and

Element	Performance criteria
and practices	development as appropriate for site conditions 1.3 Identify and consider environmental impacts of the turf management programs
2. Determine turf management program scope and objectives	2.1 Undertake a site assessment is undertaken that includes the assessment of the turf growing environment, the resources available for on-going turf maintenance, the source of water and its quantity and quality, the type of turf and its condition, intended use and intensity of use 2.2 Estimate the program duration and resource requirements 2.3 Develop a program schedule and budget that reflects the approach taken to the turf management programs 2.4 Review and confirm the turf management program with others
3. Communicate turf management programs to others	3.1 Identify and confirm current turf management practices for the project requirements 3.2 Record and communicate the intended programs in an appropriate format to staff and management or client 3.3 Identify and communicate key parts of the turf management program that involve others 3.4 Develop project schedules and timelines
4. Record and review turf management programs for use by others	4.1 Inspect turf regularly and implement changes to the management plan according to the monitoring process 4.2 Monitor the turf management program and consider and communicate changes to the program 4.3 Record information from team meetings 4.4 Report and file information for future use

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCTRF503A Develop sports turf management programs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCTRF503 Develop sports turf management programs

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance should be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- develop a works schedule and a plan of the scope of works
- develop specifications and bills of quantity for turf management programs
- develop turf management programs
- prepare a turf maintenance program
- record and communicate programs in an appropriate format to staff, management or client
- identify turf maintenance practices based on turf type and usage
- record and review turf management programs for use by others

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for
- impact of climatic conditions on turf varieties
- impact of intended usage on turf
- nutritional requirements for different stages of turf development
- project programming
- renovation requirements and techniques
- requirements of intended use of turf
- soil type and characteristics
- turf establishment techniques and requirements
- turf varieties and characteristics
- water quality and its impacts on soils and turf

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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