



Australian Government

SISSGLF510 Fit and alter golf equipment

Release: 1

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Modification History

The release details of this endorsed unit of competency set are in the table below. The latest information is at the top.

Release	Comments
1	Replaces and is equivalent to SISSGLF510A Fit and alter golf equipment. Code changed. No changes to competency outcome. Minor updates. Application statement modified.

Unit Descriptor

This unit describes the performance outcomes, skills and knowledge required to use appraisal methods, fitting techniques and repair and construction skills to undertake appropriate fitting and repair or alteration of golf equipment.

Application of the Unit

This unit applies to those intending to pursue a career as a golf professional. This includes observing golfers to assess their equipment requirements and selecting, fitting and adjusting golf equipment.

Licensing/Regulatory Information

No licensing, regulatory or certification requirements apply to this unit at the time of endorsement.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

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|---|---|
| <p>1. Assess player equipment requirements.</p> | <p>1.1 Identify and document the <i>performance requirements</i> of the player.</p> <p>1.2 Identify and assess <i>factors</i> which contribute to determining equipment specifications.</p> <p>1.3 Identify variances in <i>equipment design</i> for an extensive variety of performance requirements.</p> <p>1.4 Evaluate a variety of equipment designs and their suitability for a variety of swing types and <i>player ability</i> levels.</p> <p>1.5 Identify preferred equipment designs and <i>fitting techniques</i> to enhance the advanced performance requirements of golf.</p> <p>1.6 Identify and access <i>resources</i> required to carry out fittings.</p> |
| <p>2. Fit golf equipment.</p> | <p>2.1 Explain fitting procedures to player using appropriate communication strategies and terminology.</p> <p>2.2 Assess conditions to determine they are suitable to commence the fitting session.</p> <p>2.3 Conduct fittings according to <i>organisational policies and procedures</i> and the <i>rules, regulations and policies of golf</i>.</p> <p>2.4 Confirm fittings in relation to player equipment and performance requirements.</p> <p>2.5 Select and use <i>monitoring techniques</i> to observe player performance and identify equipment intervention to enhance individual skill performance.</p> <p>2.6 Make final equipment recommendations according to player ability level, performance requirements and accepted best practice.</p> |
| <p>3. Review recommended equipment.</p> | <p>3.1 Review player progress according to required performance.</p> <p>3.2 Identify aspects needing further emphasis or attention for intervention in future sessions.</p> <p>3.3 Modify the equipment as required in response to player preferences and ongoing monitoring of practice sessions.</p> <p>3.4 Give player the opportunity to comment and or ask questions.</p> |
| <p>4. Repair and alter</p> | <p>4.1 Assess the type and scope of <i>repair or alteration</i> required.</p> |

- golf equipment.
- 4.2 Source and select appropriate components and materials for the repair and alteration process.
 - 4.3 Carry out repair and alteration to golf equipment according to organisational policies and procedures, manufacturer specifications and best practice.

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

- communication skills to:
 - convey information about fitting techniques and processes to players
 - respond to player feedback and questions about equipment and performance requirements
- problem-solving skills to:
 - analyse a variety of performances of participants in order to detect performance gaps due to equipment variables
 - apply appropriate corrections using a variety of appropriate fitting techniques
 - undertake repair and alteration procedures to enable equipment to be tailored to individual player requirements
- language and literacy skills to detect and document patterns of errors, by use of round analysis charts and statistical results
- ability to:
 - apply fitting methods and techniques to enhance performance
 - select, repair or alter golf equipment in response to fitting outcomes
 - apply appropriate technological aids as part of the fitting process.

Required knowledge

- biomechanical concepts, ball flight laws, principles and preferences in the context of golf equipment design to enable the accurate assessment and fitting of golf equipment
- cause and effect relationships and their impact on equipment or component design and fitting to enable accurate modification of equipment
- procedures and protocols for fitting players at a range of skills levels
- rules and regulations of golf to enable the fitting, alteration and repair of golf equipment to be conducted according to required specifications
- relevant equipment and safety requirements of golf in order to fit and alter golf equipment safely
- terminology for selection, fitting, repair and alteration of golf equipment
- appraisal methods used to conduct fitting sessions.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the ability to:

- recognise when and how equipment intervention should take place to improve individual skill performance and carry out fittings over sufficient time to enhance player performance in a safe manner
- determine and analyse player preferences and ability and make appropriate equipment recommendations based on this information
- monitor and review player performance during practice sessions and adapt or modify fitting recommendations in response to continuing problems
- undertake suitable repair or alteration procedures according to best practice in golf repair and alteration.

Context of and specific resources for assessment

Assessment must ensure:

- carrying out fittings for multiple golfers with differing requirements over a period of time to demonstrate competency and consistency of performance.

Assessment must also ensure access to:

- a golf facility or green
- participants or players competing at appropriate ability levels
- appropriate equipment and resources for undertaking fitting, repair and alteration of golf equipment
- relevant organisational policies and procedures for fitting and altering golf equipment.

Method of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- observation of performance in fitting sessions and response to requirements for further intervention
- oral or written questioning to assess knowledge of relevant rules, regulations of golf impacting on fitting, alteration and repair of golf equipment
- third-party reports from coaches or professionals detailing ability to accurately fit and alter a range of equipment.

**Guidance information for
assessment**

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the individual, accessibility of the item, and local industry and regional contexts) may also be included.

Performance requirements may include:

- speed
- power
- distance
- spin
- accuracy.

Factors may include:

- athletic ability
- strength
- flexibility
- golfing experience
- physical characteristics
- swing characteristics.

Equipment design may include:

- head design and function
- shaft design and function
- grip design and function
- club lie and length
- swing weight.

Player ability may include:

- handicap
- swing or clubhead speed
- physical limitations or previous injuries.

Fitting techniques may include:

- observation of:
 - existing specifications
 - grip
 - lie angle
 - face and sole contact
 - ball flight
- measurement of:
 - initial velocity
 - launch angle
 - spin rate
 - distance.

Resources may include:

- appropriate range of golf equipment to suit a range of players
- health and safety provisions
- golf course and or range

Organisational policies and procedures may include:

- fitting cart and equipment
- technological aids.
- work health and safety
- teaching bay and range organisation
- fitting procedures
- personal equipment.

Rules, regulations and policies of golf may include:

- best practice codes of ethics and policies of organisations such as:
 - Golf Australia
 - Professional Golfers Association (PGA) of Australia
 - International Federation of PGA Tours
- current edition of Rules of Golf
- safety requirements.

Monitoring techniques may include:

- fitting systems and protocols
- carry distance profiling
- club specifications
- computer software and technical equipment.

Repair or alteration may include:

- shaft length
- shaft flex
- lie angle
- loft
- swing weight
- dead weight
- grip size
- flex point
- head design
- shaft material
- repair and alteration variables:
 - shaft extraction methods
 - shaft types (parallel tip or taper tip) and installation procedures
 - shaft lengths and alteration methods
 - cast or forged head designs and alteration procedures
 - grip types and installation methods
 - swing weight and dead weight alteration methods
 - refurbishment methods, woods and irons.

Unit Sector(s)

Sport

Competency Field

Golf