



Australian Government

Department of Education, Employment and Workplace Relations

SISSGLF510A Fit and alter golf equipment

Release: 2

SISSGLF510A Fit and alter golf equipment

Modification History

Not Applicable

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 advanced 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 coach at an international level. This includes observing high performance golfers to assess their equipment requirements, fitting and adjusting golf equipment and conducting post-competition analysis of both performance and strategy.

Licensing/Regulatory Information

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

Pre-Requisites

Nil

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.

- | | |
|------------------------|--|
| 1. | 1.1. Identify and document the <i>performance requirements</i> of the player.
1.2. Identify and assess <i>factors</i> which contribute to determining equipment specifications.
1.3. Identify variances in <i>equipment design</i> for an extensive variety of performance requirements.
1.4. Evaluate a variety of equipment designs and their suitability for a variety of swing types and <i>player ability</i> levels.
1.5. Identify preferred equipment designs and <i>fitting techniques</i> to enhance the advanced performance requirements of golf.
1.6. Identify and access <i>resources</i> required to carry out fittings. |
| 2. Fit golf equipment. | 2.1. Explain fitting procedures to player using appropriate communication strategies and terminology.
2.2. Assess conditions to determine they are suitable to commence the fitting session.
2.3. Conduct fittings according to <i>organisational policies and procedures</i> and the <i>rules, regulations and policies of golf</i> .
2.4. Confirm fittings in relation to player's equipment and performance requirements.
2.5. Select and use <i>monitoring techniques</i> to observe player performance and identify equipment intervention to enhance individual skill performance.
2.6. Make equipment recommendations according to <i>player ability</i> level, performance requirements and accepted best practice of golf. |
| 3. Review recommended | 3.1. Review player progress according to required performance. |

ELEMENT	PERFORMANCE CRITERIA
equipment.	3.2. Identify aspects needing further emphasis or attention for intervention in future sessions. 3.3. Modify the equipment as required in response to player preferences and ongoing <i>monitoring of practice sessions</i>. 3.4. Give player the opportunity to comment and or ask questions.
4. Repair and alter golf equipment.	4.1. Assess the type and scope of <i>repair or alteration</i> required. 4.2. Source and select appropriate components and materials for the <i>repair and alteration</i> process. 4.3. Carry out <i>repair and alteration to golf equipment according to organisational policies and procedures</i>, manufacturers' specifications <i>and</i> 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
- ability to repair or alter golf equipment in response to fitting outcomes
- ability to apply appropriate technological aids as part of the fitting process.

Required knowledge

- biomechanical and 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 for the advanced skills of golf
- 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 conduct a fitting session safely
- terminology for 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 following is essential:

- recognises when and how equipment intervention should take place to improve individual skill performance and carries out fittings over sufficient time to enhance player performance in a safe manner and to demonstrate competency and consistency of performance
- determines and analyses player preferences and ability and makes appropriate equipment recommendations based on this information
- monitors and reviews player performance during practice sessions and adapts or modifies fitting recommendations in response to continuing problems over sufficient time to demonstrate competency and consistency of performance
- undertakes 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 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 officials detailing performance.

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 candidate, accessibility of the item, and local industry and regional contexts) may also be included.

- Performance requirements*** may include:
- ball speed
 - power.
- 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 length
 - club weight.
- Player ability*** may include:
- handicap.
- Fitting techniques*** may include:
- observation of:
 - ball flight
 - lie angle
 - grip.
- 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:
- occupational health and safety (OHS):
 - teaching bay and range organisation
 - personal equipment.
- Rules, regulations and policies of golf*** may include:
- Golf Australia's women's and men's handicapping and course rating system
 - best practice codes of ethics and policies of organisations such as:
 - Golf Australia
 - PGA of Australia
 - Australian Sports Commission
 - current editions of Rules of Golf, The Royal

and Ancient Golf Club of St Andrews and Decisions on the Rules of Golf.

Monitoring techniques may include:

- safety requirements.
- fitting protocols
- carry distance profiling
- club specifications.

Repair and 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, irons, metal woods.

Unit Sector(s)

Sport

Competency Field

Golf