

# Golf Course Supervisor

## UNIT 21

### Plan the maintenance, repair and renovation of the golf course

#### Overview

The aim of this unit is to provide the learner with the knowledge, understanding and skills required to plan the maintenance of the golf course.

	<b>Learner Outcomes</b>		<b>Assessment Criteria</b>
	<b>The learner will:</b>		<b>The learner can:</b>
1	be able to plan for the maintenance and repair of the golf course	1.1	plan operations for example: <ul style="list-style-type: none"> <li>• cutting</li> <li>• edging</li> <li>• weed</li> <li>• pest and disease control</li> <li>• fertiliser application</li> <li>• aeration</li> <li>• top dressing</li> <li>• switching/brushing</li> <li>• rolling</li> <li>• scarifying/verticutting</li> <li>• irrigation and repairs by inserting turf</li> <li>• overseeding</li> <li>• repairing edges</li> </ul>
		1.2	assess the results of maintenance, repair and renovation operations, ensuring the agreed objectives and standards have been achieved
		1.3	monitor maintenance, repair and renovation operations so as to minimise risk to the golfers, public and operators
		1.4	leave the site in a tidy and undamaged condition following operations
2	be able to maintain and use relevant equipment	2.1	ensure equipment is prepared, used and maintained in a safe and

			effective condition
3	be able to promote health and safety and environmental good practice	3.1	work in a way which promotes health and safety, is consistent with relevant legislation, codes of practice and any additional requirements
		3.2	ensure work is carried out in a manner which minimises environmental damage and waste
4	know and understand how to plan and ensure the maintenance of the golf course	4.1	explain the purposes and functions of the golf course and how these affect maintenance, repairs and renovation
		4.2	describe the consideration of soil types and condition in relation to golf course management
		4.3	describe the considerations relating to choice of mowing regimes and other maintenance operations, for example: <ul style="list-style-type: none"> <li>• cutting</li> <li>• edging</li> <li>• weed</li> <li>• pest and disease control</li> <li>• fertiliser application</li> <li>• aeration</li> <li>• top dressing</li> <li>• switching/brushing</li> <li>• rolling</li> <li>• scarifying/verticutting</li> <li>• irrigation and repairs by inserting turf</li> <li>• overseeding</li> <li>• repairing edges</li> </ul>
		4.4	define the principles of identifying turf's pathological and physiological disorders
		4.5	define the principles and techniques relating to the choice, effects and application of fertilisers
5	know and understand the factors that affect repair and renovation of the golf course	5.1	describe how timing of repair and renovation operations may be influenced

		5.2	describe the factors affecting the type and extent of repairs e.g. over seeding, inserting turf and repairing edges
		5.3	explain how soil type and condition relate to the type and extent of repairs and renovation
		5.4	describe the methods of assessing results of repair and renovation operations
6	know and understand how to deal with problems	6.1	describe the typical problems that may occur and how to handle these
7	know and understand the reasons for maintaining equipment	7.1	explain the importance of maintaining equipment for use
		7.2	describe the methods of maintaining the range of equipment used
8	know and understand relevant health and safety legislation and environmental good practice	8.1	summarise current health and safety legislation, codes of practice and any additional requirements
		8.2	describe the possible damage and how to respond appropriately
		8.3	explain the correct and appropriate methods for disposing of organic and inorganic waste
		8.4	explain the records required for management and legislative purposes and the importance of maintaining them