



**UNIVERSITI TEKNOLOGI MARA**

**PMG614: GOLF COURSE MAINTENANCE**

<b>Course Name (English)</b>	GOLF COURSE MAINTENANCE <b>APPROVED</b>
<b>Course Code</b>	PMG614
<b>MQF Credit</b>	3
<b>Course Description</b>	This course focuses on the basic aspects related to park planning and design. It covers the principles and approaches in planning and design including park and site analysis techniques.
<b>Transferable Skills</b>	Demonstrate professional skills, knowledge and competencies.
<b>Teaching Methodologies</b>	Lectures, Tutorial
<b>CLO</b>	CLO1 Generate the basic aspect of golf course terminology and its structures CLO2 Distinguish the concept and principles in golf course maintenance CLO3 Develop the maintenance plan of turf grass in golf courses
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. INTRODUCTION TO GOLF COURSE</b> 1.1) Golf Course Overview 1.2) Managing Golf Course 1.3) Rules of Golf – Maintenance Affect	
<b>2. GOLF TURF</b> 2.1) Golf turf principles and qualities 2.2) Types of golf turf 2.3) Golf turf establishment - Seedling 2.4) Golf turf establishment – Vegetative technique	
<b>3. MAIN CULTURAL PRACTICE FOR GOLF COURSE</b> 3.1) Mowing 3.2) Irrigation 3.3) Fertilizer 3.4) Pest Disease Control 3.5) Flags Placement and Tee Marker	
<b>4. ADDITIONAL CULTURAL PRACTICE</b> 4.1) Cultivation / Aeration 4.2) Top dressing 4.3) Drainage system	

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Group Project	Site Visit report	20%	CLO3
	Test	Structured Question	20%	CLO1

Reading List	Recommended Text	<ul style="list-style-type: none"> <li>• L. B. McCarty 2010, <i>Best golf course management practices</i>, 3rd Ed., Prentice Hall Inc [ISBN: 0135047099]</li> <li>• Gordon Witteveen, Michael Bavier 2012, <i>Practical Golf Course Maintenance</i>, 3rd Ed., John Wiley &amp; Sons [ISBN: 1118143744]</li> </ul>
	Reference Book Resources	<ul style="list-style-type: none"> <li>• Raymond S. Schmidgall 2003, <i>Superintendent's Handbook of Financial Management</i>, 1st Ed., John Wiley &amp; Sons [ISBN: 0471463191]</li> <li>• Thomas A. Nikolai 2004, <i>The Superintendent's Guide to Controlling Putting Green Speed</i>, 1st Ed., Wiley [ISBN: 0471472727]</li> </ul>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	