



UNIVERSITI TEKNOLOGI MARA

PMG415: PLANT MATERIALS

Course Name (English)	PLANT MATERIALS APPROVED
Course Code	PMG415
MQF Credit	3
Course Description	This subject introduces the student to plants and its importance to the parks. The students will be exposed to plants characteristics and functions. This subject also includes the aspect of park maintenance.
Transferable Skills	Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts.
Teaching Methodologies	Lectures, Blended Learning, Demonstrations, Workshop
CLO	CLO1 Identify the physical characteristics of common plants in Malaysian Parks. CLO2 Identify the principles and its uses of common plants in Malaysian parks. CLO3 Demonstrate the value and functions of common plants in Malaysian parks according to current practice.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction 1.1) Introduction to Plant Material	
2. Plants Identification and Classification 2.1) Tree, palm, shrubs, groundcover, climber and grass	
3. Plants Identification and Classification 3.1) Form, color, texture and shape	
4. Plants Identification and Classification 4.1) Special,/significant characteristics	
5. Functions and Usage of Plants in Parks 5.1) Aesthetic Value and buffer	
6. Functions and Usage of Plants in Parks 6.1) Erosion Control and shade	
7. Functions and Usage of Plants in Parks 7.1) Wildlife Attraction/Biological diversity	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assignments 1 - (Report on field trip)	25%	CLO3
	Assignment	Assignment 3 - Herbarium Collections (Dry specimen Collection)	25%	CLO2
	Assignment	Assignment 2 - Photo Collection on Plant Materials	30%	CLO1
	Test	Test (Identify Plants Specimen)	20%	CLO1

Reading List	Recommended Text	Reference Book Resources
	<ul style="list-style-type: none"> • Lily Chen, Wee Foong Ang, Arthur Ng, Jessica Teo, Jennie Tang, <i>One Thousand and One Garden Plants in Singapore</i> [ISBN: 9789810959135] • Boo Chih Min, Kartini Omar-Hor, Ou-Yang Chow Lin 2006, <i>1001 Garden Plants in Singapore</i>, National Parks Board Singapore [ISBN: 9789810492685] • Chih Min Boo, Kartini Omar-Hor, Chow Lin Ou-Yang, <i>1001 Garden Plants in Singapore</i> [ISBN: 9810492685] 	<ul style="list-style-type: none"> • Alfred Byrd Graf 2003, <i>Tropica</i>, Fourth Edition. Ed., Roehrs Co. Farmingdale, N.J. [ISBN: 0911266267] • Ismail Saidin 2001, <i>Bunga-Bunga Malaysia Edisi Kedua</i>, Edisi Kedua Ed., Dewan Bahasa & Pustaka Kuala Lumpur • MARDI 1993, <i>Beautiful Gardens of Malaysia</i>, MARDI • William Warren, <i>Tropical Flowers</i>, Periplus Editions [ISBN: 9625931341] • Mohd Efendi Hussin 2006, <i>Tumbuhan Hiasan Untuk Landskap</i>, FRIM Kuala Lumpur • Adnan Mohamad 1991, <i>Pokok-pokok untuk Tanaman Bandar</i>, FRIM Kuala Lumpur. • Periplus Editions (Editor), <i>500 POPULAR TROPICAL PLANTS</i>, Printed in Hong Kong [ISBN: 9625934545]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	