



UNIVERSITI TEKNOLOGI MARA

AGR260: FIELD PRACTICAL II

Course Name (English)	FIELD PRACTICAL II APPROVED
Course Code	AGR260
MQF Credit	2
Course Description	Through this course, students develop core skills in landscaping and ornamental plant nursery management. It is an opportunity for the students to acquire skills in identification, classification and design of ornamental plants, as well as to acquire hands-on experience in carrying out landscape and nursery projects.
Transferable Skills	Demonstrate professional skill, knowledge, and competencies.
Teaching Methodologies	Field Trip, Practical Classes
CLO	CLO1 Identify, label and inventory ornamental plants and understand their use in the landscape CLO2 Conduct propagation, planting and maintenance activities necessary for operating a commercial ornamental plant nursery CLO3 Assist in the design and construction of a small landscape project. CLO4 Conduct work in a team and share responsibility to achieve project objectives CLO5 Compose technical reports of field activities
Pre-Requisite Courses	No course recommendations
Topics	
1. Identification, labelling and inventory of ornamental plants 1.1) n/a	
2. Propagation techniques: 2.1) Seeding, cutting, layering, grafting and specialized plant organs	
3. Field planting techniques of common ornamental plants; 3.1) bed preparation, holing, mounding, staking	
4. Fertilizer application and weed control 4.1) n/a	
5. Pruning techniques 5.1) n/a	
6. Nursery management: 6.1) structures, irrigation, pest and disease control	
7. Soil mixtures and organic compost preparation 7.1) n/a	
8. Basic landscape design and construction 8.1) n/a	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Attendance	n/a	20%	CLO4
	Group Project	peer evaluation	20%	CLO4
	Group Project	field observation	20%	CLO1 , CLO2 , CLO3 , CLO4
	Practical	care of equipment	10%	CLO1 , CLO2 , CLO3
	Practical	punctuality	10%	CLO1 , CLO2 , CLO3 , CLO5
	Written Report	report	20%	CLO5

Reading List	Recommended Text	<ul style="list-style-type: none"> • Poincelot, R.P. 2004, <i>Sustainable Horticulture: Today and Tomorrow</i>, Prentice Hall. • Llamas, K.A. 2003, <i>Tropical Flowering Plants: A Guide to Identification and Cultivation.</i>, Timber Press
	Reference Book Resources	<ul style="list-style-type: none"> • Brandies, M.M. 2004, <i>Landscaping with Tropical Plants.</i>, Sunset Series Ed., Leisure Arts • Emmons, R.D. 2000, <i>Turfgrass Science and Management</i>, CENGAGE Delmar Learning • Enoch, I. and R.E. Holtum 2005, <i>Gardening in the Tropics</i>, Timber Press • 1995, <i>Garis Panduan Langskap Negara</i>, Jabatan Perancangan Bandar dan Desa Semenanjung Malaysia
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	