



UNIVERSITI TEKNOLOGI MARA

AGR615: PLANTATION MANAGEMENT OPERATION

Course Name (English)	PLANTATION MANAGEMENT OPERATION APPROVED
Course Code	AGR615
MQF Credit	3
Course Description	This course will interactively engage students cognitively in areas of best management practices that operate globally with emphasis on plantation management operation components into coordinated system. Students will define, explain, and interpret the difficulties that have been encountered, to trace, historically and critically, the reasons underlying certain practices, and to draw attention to the experimental bases, where such exist, for present procedures. This course will introduce comprehensive account of the oil palm as a plant, of the industry from its early beginnings to its present stage of development, and of the work carried out in all regions to improve cultivation, production and the extraction of the products. The class will be a mix of lecture sessions, case discussions and applications. The outcomes shall be assessed through a variety of tools which include the traditional paper examination, individual assignment, case studies, and classroom engagement.
Transferable Skills	knowledge, practical, life long learning
Teaching Methodologies	Lectures, Case Study, Discussion, Presentation
CLO	CLO1 Understand what is meant by plantation management operation CLO2 Evaluate and handle plantation operational activities that contribute to managerial effectiveness CLO3 Manage to work as a team to handle the plantation management projects.
Pre-Requisite Courses	No course recommendations
Topics	
1. Nursery Management 1.1) 1.1 Nursery	
2. Site Selection and field preparation 2.1) 2.1 Important factors for oil palm planting 2.2) 2.2 Site yield potential 2.3) 2.3 Environmental impacts 2.4) 2.4 Plantation layout 2.5) 2.5 Field preparation	
3. Oil Palm Field Planting 3.1) 3.1 Lining, holing and palm planting 3.2) 3.2 Field Planting	
4. Upkeep and maintenance of oil palm (Facilitating through effective mechanization and transportation) 4.1) 4.1 Immature palm 4.2) 4.2 Mature palm 4.3) 4.3 Hazard Identification, Risk Assessment and Risk Control (HIRARC) Management for all estate's operations activities	
5. Oil Palm Quality and Marketing Issues 5.1) 5.1 Palm Oil and its health 5.2) 5.2 Quality characteristics of palm oil product 5.3) 5.3 Palm Oil Market 5.4) 5.4 Current issues	

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Case Study	Plantation Operation Management	20%	CLO2
	Presentation	Video Presentation	20%	CLO3
	Test	Online Test	20%	CLO1

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • 1974, Turner, P.D R.A. <i>Oil palm cultivation and management. Incorporation Society of Planters (ISP)</i>, Society of Planters (ISP). • R.H.V. Corley and P.B. Tinker 2003, <i>The Oil Palm</i>, 4 Ed., Blackwell Science Ltd

Article/Paper List
This Course does not have any article/paper resources

Other References
This Course does not have any other resources