



## UNIVERSITI TEKNOLOGI MARA

### AGR405: INTRODUCTION TO PLANTATION INDUSTRY

<b>Course Name (English)</b>	INTRODUCTION TO PLANTATION INDUSTRY <b>APPROVED</b>
<b>Course Code</b>	AGR405
<b>MQF Credit</b>	3
<b>Course Description</b>	This course is designed to expose students with the introductory experiences on the general view, economic contribution and current issues in the plantation industry in Malaysia. The course will describe the typical plantation industry organization structure and the function of different management levels. The relevant authorities associated with the plantation is also highlighted. The course will also cover the importance and functions of sustainable certificate as well as trading of plantation commodities.
<b>Transferable Skills</b>	Knowledge, communication, leadership and teamwork
<b>Teaching Methodologies</b>	Lectures, Field Trip, Discussion, Presentation
<b>CLO</b>	CLO1 Describe the development and contribution of plantation industry to the Malaysia economy CLO2 Describe a typical plantation organization and differentiate the level of management function CLO3 Communicate to peers and team members, effectively on issue in the plantation industry.
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Introduction to plantation industry.</b> 1.1) 1.1 History of Plantation Industry Journey in Malaysia 1.2) 1.2 Agriculture as an industry 1.3) 1.3 Characteristics of plantation industry	
<b>2. Government Policies related to Agriculture and Plantation</b> 2.1) 2.1 National Key Economic Areas (NKEAs) 2.2) 2.2 National Agricultural Policies 2.3) 2.3 Others related policy	
<b>3. Importance of Plantation Industry to Malaysian Economic</b> 3.1) 3.1 Contribution toward nation developments and economy 3.2) 3.2 Driving modernization 3.3) 3.3 Challenges and issues	
<b>4. Plantation Crop in Malaysia</b> 4.1) 4.1 Commodity crops 4.2) 4.2 Size and distribution of commodity crops 4.3) 4.3 Future potential crops in Malaysia	
<b>5. Structure of Typical Plantation</b> 5.1) 5.1 Organizational Structure for Main Office/ Headquarters/ Regional/ Estate 5.2) 5.2 Duty and Function Plantation Management 5.3) 5.2.1 Plantation Advisor/ Controller 5.4) 5.2.2 General manager 5.5) 5.2.3 Manager 5.6) 5.2.4 Assistant Manager 5.7) 5.2.5 Supporting Staff	

**6. Authorities in Plantation Industry**

- 6.1) 6.1 Ministry of Primary Industries and Commodities
- 6.2) 6.2 Malaysian Palm Oil Board (MPOB)
- 6.3) 6.3 Malaysia Rubber Board
- 6.4) 6.4 Others Agencies

**7. Commodity Trading of Plantation Crop**

- 7.1) 7.1 Oil Palm
- 7.2) 7.2 Rubber
- 7.3) 7.3 Other crops

**8. Adoption of Technologies in Plantation**

- 8.1) 8.1 Current scenario
- 8.2) 8.2 Issues and challenges

**9. Sustainable Management and Current Issues**

- 9.1) 9.1 Roundtable on Sustainable Palm Oil (RSPO)
- 9.2) 9.2 Malaysian Sustainable palm Oil (MSPO)
- 9.3) 9.3 Sustainable Human Development
- 9.4) 9.4 Good Agriculture Practices
- 9.5) 9.5 Current Issues

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Case study	20%	CLO2
	Presentation	Video presentation	20%	CLO3
	Test	n/a	20%	CLO1

Reading List	Recommended Text	<ul style="list-style-type: none"> <li>• <i>MPOCC, A 100 years Journey; celebrating 100 years of Malaysia Palm Oil, Malaysia Palm Oil Council, 2018 Ed.</i></li> <li>• <i>MPOCC, 100 facts on Malaysian Palm Oil, Malaysia Palm Oil Council, 2017</i></li> </ul>
	Reference Book Resources	<ul style="list-style-type: none"> <li>• Mohd Rafi Yaacob 2011, <i>The development of Malaysian Palm Oil Industry and Environment</i>, Universiti Malaysia Kelantan</li> <li>• 2009, <i>Rubber Plantation and processing technologies</i>, Institut Penyelidikan Getah Malaysia Kuala Lumpur</li> <li>• Abu Bakar Haji Ahmad 1985, <i>Teknologi Getah Asli</i>, Institut Penyelidikan Getah Malaysia Kuala Lumpur</li> <li>• Hartley, C.W.S 1979, <i>The oil palm</i>, Longman London</li> </ul>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	