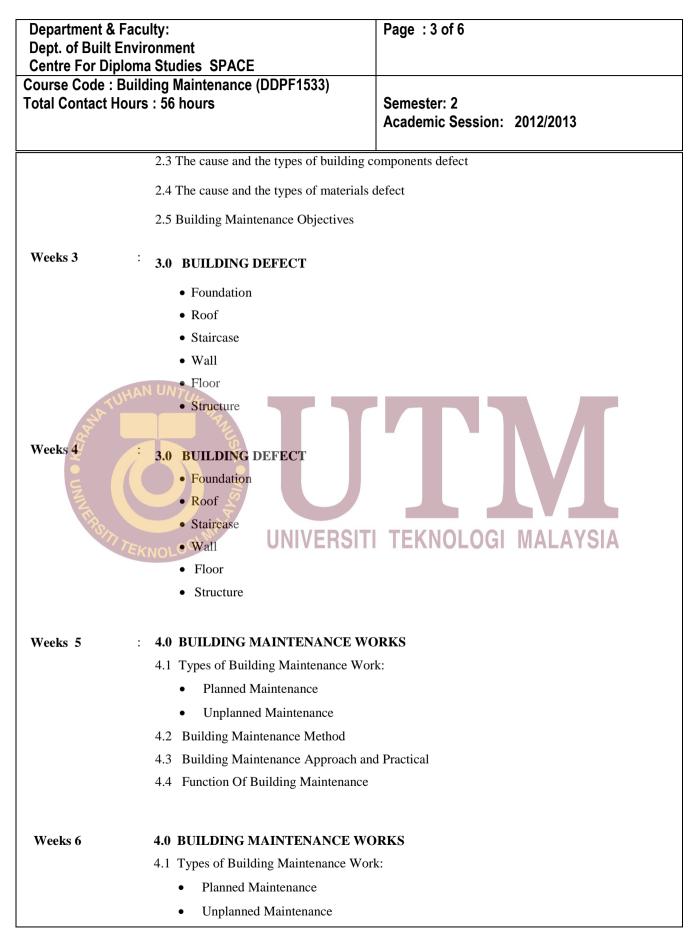
Department & Faculty: Dept. of Built Environment Centre For Diploma Studies SPACE		Page :1 of 6		
Course Code : Building Maintenance (DDPF 2533) Total Contact Hours : 56 hours		Semester: I Academic Session: 2012/2013		
Lectu	irer :			
Roon	n No.			
Telephone No.				
E-mail :				
cause and defects on buildin explains the maintenance ap		duction to building maintenance management system, g components and material and building defects. It also proach and functions, planning and develop maintenance iks and procedures, organization of building maintenance maintenance.		
LEAI	RNING OUTCOMES			
By the No.	e end of the course, students should be able to: Course Learning Outcome Describe and apply concepts of building maintenan management system. UNIVERSI Demonstrate basic concepts of building maintenance solve the building maintenance problems.	TI TEKNOLOGI MALAYSIA		
3.	Develop qualities of an effective team player and reporting information.	PO5 A3 Group TS1-TS2 Presentatio		
Prepa Name	ent LEARNING TIME ared by: a: ature:	Certified by: (Course Panel Head) Name: Signature:		

Date:

Date:

Department & Fact Dept. of Built Envir Centre For Diplom Course Code : Built Total Contact Hours	ronment a Studies SPACE ding Maintenance (DDPF1533)	Page : 2 of 6 Semester: 2 Academic Session: 2012/2013			
Teaching and Learn	ing Activities	Student Learning Time (hours)			
 A. Face-to-face Learning Lecture Tutorial Student Centered Learning B. Self Directed Learning Non face-to-face : project 		28 14 14 41.5			
2. Revisio	n	10			
3. Assessm	nent Preparation	7.5			
C. Formal Ass 1. Continu 2. Final Ex	2.5 2.5				
NATU	- Ma				
Total	ille ille	120			
• •					
TEACHING METH	IODOLOGY				
Lecture and Discussion, Co-operative Learning, Independent Study, Individual Assignment, Group Assignments					
WEEKLY SCHEDU	WEEKLY SCHEDULE				
Week 1 : Group's	1.0 INTRODUCTION TO BUILDIN	G MAINTENANCE			
Project	1.1 Background introduction				
	1.2 Definition of building maintenance				
	1.3 Classification of building maintena	nce.			
	1.4 Building maintenance management				
	System.				
	1.5 General principle of building desig	n			
Week 2 : 2.0 BUILDING DEFECTS 2.1 The types of building defect.					
2.2 The several factors effecting building defect: humans factors, environmental factor					



Department & Faculty: Dept. of Built Environment		Page : 4 of 6				
Centre For Diplon	na Studies SPACE					
Course Code : Building Maintenance (DDPF1533) Total Contact Hours : 56 hours		Semester: 2 Academic Session: 2012/2013				
	4.2 Building Maintenance Method	·				
	4.3 Building Maintenance Approach and	d Practical				
	4.4 Function Of Building Maintenance					
	•					
Weeks 7 (Test 1: 15%)	4.0 BUILDING MAINTENANCE WO	DRKS				
	4.1 Types of Building Maintenance Work:					
Submit Project	Planned Maintenance					
	Unplanned Maintenance					
	4.2 Building Maintenance Method					
ATUHA	4.3 Building Maintenance Approach and	l Practical				
Weeks 8	4.4 Function Of Building Maintenance MID TERM BREAK					
Weeks 9 Group Presentation	5.0 BUILDING MAINTENANCE SYS 5.1 Planning Levels UNIVERSIT	TEKNOLOGI MALAYSIA				
Presentation	5.2 Maintenance Works Planning					
	5.3 Maintenance Time Management and Supervision					
	5.4 Financial and Budget Allocation					
	• Building maintenance cost and e	expenses				
	• Budget controlling and planning					
	• Prepare report for budget allocat	ion				
Week 10 :	5.0 BUILDING MAINTENANCE SYS	STEM PLANNING				
	5.1 Planning Levels					
Group Presentation	5.2 Maintenance Works Planning					
rresentation	5.3 Maintenance Time Management and Supervision					
	5.4 Financial and Budget Allocation					
	• Building maintenance cost and e	expenses				
	• Prepare report for budget allocat	tion				

Department & Fa Dept. of Built En Centre For Diplo					
	uilding Maintenance (DDPF1533)				
Weeks 11	 5.0 BUILDING MAINTENANCE SYSTEM PLANNING 5.1 Planning Levels 				
Group Presentation	2 Maintenance Works Planning3 Maintenance Time Management and Supervision				
	5.4 Financial and Budget AllocationBuilding maintenance cost and expenses				
	 Building maintenance cost and expenses Budget controlling and planning Prepare report for budget allocation 				
Weeks 12 : 6.0 BUILDING SURVEY PROCEDURE . 6.1 Introduction Group 6.2 Tools and Equipment For Site Inspection 6.3 Survey Procedure And Site Inspection					
MULTIPOTT T	6.4 Site Inspection List 6.5 Survey and Site Inspection Report TI TEKNOLOGI MALAYSIA				
Week 13	7.0 ORGANIZATION ON BUILDING MAINTENANCE MANAGEMENT				
	7.1 Organization Structure				
	7.2 Management Hierarchy7.3 Communication				
	7.4 Human Factors				
Weeks 14 Test 2 (15%) Group	 7.0 ORGANIZATION ON BUILDING MAINTENANCE MANAGEMENT 7.1 Organization Structure 7.2 Management Hierarchy 				
Presentation	7.3 Communication7.4 Human Factors				
Weeks 15	: 8.0 STANDARD MAINTENANCE SERVICES AND OPERATION				

Department & Faculty: Dept. of Built Environment Centre For Diploma Studies SPACE Course Code : Building Maintenance (DDPF1533) Total Contact Hours : 56 hours			Page : 6 of 6 Semester: 2 Academic Session: 2012/2013				
						Grou	p 8.1 Standard Eva
Prese	ntation 8.2 Life Cycle O	8.2 Life Cycle Of Components and Materials					
	8.3 Maintenance	3 Maintenance Cycle					
	8.4 Preventive M	Iaintenance					
 REFERENCES : Main Reference: 1. Barrier Chatter and Peter Swallow (2007). "Building Maintenance Management". Blackwell Publisher. 2. "Ryan Cruzan (2009). Manager's Guide To Preventive Building Maintenance" 3. Bearnard Lawis and Richard Payant (2007) "Facilities Managers Maintenance Handbook". McGraw Hill. 							
No.	Assessment	Number	% Each	LOGI BT MALA	% Total		
1	Project	1	15	P1, P3 CTPS1	15		
2	Test	2	10	C1 – C3	20		
3	Group Presentation	1	5	A1-A3 TS1-TS2	5		
4	Final Exam	1	60	C1 – C3	60		
	Overall Total			01 05	100		
					1		