

PROGRAMME STRUCTURE

DIPLOMA IN WOOD BASED TECHNOLOGY

CLASSIFICATION	COURSE CODE	COURSE NAME	CONTACT HOURS				CREDIT VALUES	PRE-REQUISITE / CO-REQUISITE
			L	P	T	O		
SEMESTER 1								
Compulsory	DUE10012	Communicative English 1	1	0	2	0	2	
	MPU21012	Pengajian Malaysia	1	0	2	0	2	
	MPU24XX1	Sukan	0	2	0	0	1	
	MPU24XX1	Unit Beruniform 1						
Common Core	DUW10012	Occupational, Safety and Health	2	0	0	0	2	
	DBS10012	Engineering Science	2	0	1	0	2	
Discipline Core	DCW10013	Wood Working, Machinery and Maintenance	1	5	0	0	3	
	DCW10023	Dendrology	1	5	0	0	3	
	DCW10033	Wood Anatomy and Physical Properties	1	5	0	0	3	
TOTAL			31				18	
SEMESTER 2								
Compulsory	MPU23012	Pengajian Islam*	1	0	2	0	2	
	MPU23042	Nilai Masyarakat Malaysia**						
	MPU24XX1	Kelab/Persatuan	0	2	0	0	1	MPU24XX1
	MPU24XX1	Unit Beruniform 2						
Common Core	DBC20012	Computer Application 1	2	0	1	0	2	
Discipline Core	DCW20043	Forest Management	1	4	0	0	3	DCW10023
	DCW20053	CADD	1	4	0	0	3	DCW30093
	DCW20062	Wood Mechanic Structure 1	2	0	1	0	2	DCW30132
	DCW20072	Wood Preservation and Seasoning	1	3	0	0	2	
	DCW20083	Wood Chemical Properties	1	5	0	0	3	DCW10033 DCW30143 DCW30123
TOTAL			31				18	
SEMESTER 3								
Compulsory	DUE30022	Communicative English 2	1	0	2	0	2	DUE10012
Discipline Core	DCW30093	Product Design and Innovation	1	4	0	0	3	DCW20053
	DCW30103	CNC Machining	1	5	0	0	3	DCW20053
	DCW30112	Industrial Statistic	2	0	1	0	2	
	DCW30123	Pulp and Paper Technology	1	5	0	0	3	DCW10033 DCW20083
	DCW30132	Wood Mechanic Structure 2	2	0	1	0	2	DCW20062
	DCW30143	Wood Composite Technology	1	5	0	0	3	DCW10033 DCW20083
TOTAL			32				18	

SEMESTER 4							
Compulsory	MPU22011	Entrepreneurship	1	2	0	0	2
Discipline Core	DCW40152	Production Management	2	0	0	0	2
	DCW40163	Product Making	1	5	0	0	3
	DCW40173	Project Proposal	1	5	0	0	3
	DCW40183	Wood Finishing and Adhesive	1	5	0	0	3
	DCW40192	Quality Management System	2	0	0	0	2
Electives	DCW40202	Pollution Management & Control	1	3	0	0	2
	DCW40213	Forest Product (Non-Wood)					
TOTAL			29				17
SEMESTER 5							
Compulsory	DUE50032	Communicative English 3	1	0	2	0	2
Common Core	DYA30073	Green Technology Compliance	2	3	0	0	3
Discipline Core	DCW50222	Timber Trade	2	1	0	0	2
	DCW50233	Timber Structure Design	2	3	0	0	3
	DCW50243	Wood Based Technology Project	1	5	0	0	3
Electives	DCW50252	Fundamental of Marketing	1	3	0	0	2
	DCW50262	Event Management					
TOTAL			26				15
SEMESTER 6							
Industrial Training	DUT60019	Industrial Training	0	0	0	0	9
TOTAL			0				9
TOTAL CREDIT VALUE							95

ELECTIVES COURSES							
1	DCW40202	Pollution Management & Control	1	3	0	0	2
2	DCW40213	Forest Product (Non-Wood)	1	3	0	0	2
3	DCW50252	Fundamental of Marketing	1	3	0	0	2
4	DCW50262	Event Management	1	3	0	0	2

FREE ELECTIVES ^a							
1	DUD10012	Design Thinking	1	0	0	1	2

	Total Credit	%
i. (a) Compulsory	14	15%
(b) Compulsory (Bahasa Kebangsaan A) ^b	2 ^b	0%
ii. Common Core	9	9%
iii. Discipline Core	59	62%
iv. Specialization	0	0%
Total Credit	82	72%
v. (a) Elective	4	4%
(b) Free Electives ^a	2 ^a	0%
vi. Industrial Training	9	9%
Grand Total Credit	95	100%

	Total Hours	%
i. Lecture	45	30%
ii. Practical	89	60%
iii. Tutorial	15	10%
Total Contact Hours	149	100%

Legend:

L: Lecture, P: Practical/Lab, T: Tutorial, O: Others

(The numbers indicated under L,P,T & O represent the contact hours per week, to be used as a guide for time table preparation)

*For Muslim Students

**For Non Muslim Students

Notes:

1. The minimum and maximum credit value of Electives must be referred to the programme standard or professional bodies.

2. **Free Electives** are courses which are not included in any programme structure but if taken, will contribute towards students' CGPA, provided that institutions adhere to the Jabatan Pendidikan Politeknik & Kolej Komuniti Free Electives Guidelines.

3. **MPU22042 Bahasa Kebangsaan A** is **COMPULSORY** for students who did not attain credit in Bahasa Melayu at Sijil Pelajaran Malaysia (SPM) level and will contribute to students' CGPA.

4. Co-curriculum pathways:

a. Path 1: Sport and Club

b. Path 2: Uniform Unit (Students are required to **PASS** Uniform Unit 1 as a prerequisite to Uniform Unit 2)