

FEDERAL MINISTRY OF EDUCATION

National Technical Certificate (NTC) Curriculum in

PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

February, 2025



Innovation Development and Effectiveness in the Acquisition of Skills (IDEAS) Project

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THE WORLD BANK

NATIONAL BOARD FOR TECHNICAL EDUCATION

Plot B, Bida Road, P.M.B. 2239, Kaduna, Nigeria



NATIONAL TECHNICAL CERTIFICATE

CURRICULUM AND MOUDULE SPECIFICATIONS

IN

PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

FEBRUARY, 2025

GENERAL INFORMATION

AIM:

To give training and impart the necessary skills leading to the production of craftsmen, technicians and other skilled personnel to be enterprising and self – reliant.

ENTRY QUALIFICATIONS

CRAFT PROGRAMME

Candidates must not be less than 14 years of age and should have successfully completed three years of Junior Secondary Education or its equivalent. Special consideration may be given to sponsored candidates with lower academic qualifications who hold trade test certificates and are capable of benefiting from the programme.

The Curriculum of each programme is broadly divided into three components:

- a. General Education, which accounts for 30% of the total hours required for the programme.
- b. Trade Theory, Trade Practice and Related Studies which account for 65% and,
- c. Supervised Industrial Training/Work Experience, which accounts for about 5% of the total hours required for the programme. This component of the course which may be taken in industry or in college production unit is compulsory for the full-time students.

Included in the curriculum is the teacher's activity and learning resources required for the guidance of the teacher.

Unit Course/Module

A Course/Module is defined as a body of knowledge and skills capable of being utilized on its own or as a foundation or pre-requisite knowledge for more advanced work in the same or other fields of study. Each trade when successfully completed can be used for employment purposes.

BEHAVIOURAL OBJECTIVES

These are educational objectives which identify precisely the type of behaviour a student should exhibit at the end of a course/module or programme. Two types of behavioural objectives have been used in the curriculum. They are:

- a General Objectives
- b Specific learning outcomes

General Objectives are concise but general statements of the behaviour of the students on completion of a unit of work such as understanding the principles and application.

- a Orthographic projection in engineering/technical drawing
- b Loci in Mathematics
- c Basic concepts of politics and government in Political Science
- d Demand and Supply in Economics

Specific Learning Outcomes are concise statements of the specific behaviour expressed in units of discrete practical tasks and related knowledge the students should demonstrate as a result of the educational process to ascertain that the general objectives or course/programme have been achieved. They are more discrete and quantitative expressions of the scope of the tasks contained in a teaching unit.

GENERAL EDUCATION IN TECHNICAL COLLEGES

The General Education component of the curriculum aims at providing the trainee with complete secondary education in critical subjects like English Language, Economics, Physics, Chemistry, Biology, Entrepreneurial Studies and Mathematics to enhance the understanding of machines, tools and materials of their trades and their application and as a foundation for post-secondary technical education for the above average trainee. Hence, it is hoped that trainees who successfully complete their trade and general education may be able to compete with their secondary school counterparts for direct entry into the polytechnics or colleges of education (Technical) for ND or NCE courses respectively. The Social Studies component is designed to broaden the trainee's social skills and his understanding of his environment.

For purpose of certification, only the first three courses in Mathematics will be required. The remaining modules are optional and are designed for the above average students.

National Certificate

The NTC programme are ran by Technical Colleges accredited by NBTE NABTEB conducts the final National Examination and awards certificates.

Trainees who successfully complete all the courses/modules specified in the curriculum table and passed the national examinations in the trade will be awarded one of the following certificates

S/I	NO	LEVEL	CERTIFICATE
		Technical Programme	
1		Craft Level	National Technical Certificate

Guidance Notes for Teachers Teaching the Curriculum

The number of hours stated in the curriculum table may be increased or decreased to suit individual institutions' timetable provided the entire course content is properly covered and the goals and objectives of each module are achieved at the end of the term

The maximum duration of any module in the new scheme is 300 hours. This means that for a term of 15 weeks, the course should be offered for 20 hours a week. This can be scheduled in sessions of 4 hours in a day leaving the remaining hours for general education. However, (properly organised and if there are adequate resources), most of these courses can be offered in two sessions a day, one in the morning and the other one in the afternoon. In so doing, some of these programmes may be completed in lesser number of years than at present.

The sessions of 4 hours include the trade theory and practice. It is left to the teacher to decide when the class should be held in the workshop or in a lecture room.

Integrated Approach in The Teaching of Trade.

Theory, Trade Science and Trade Calculation

The traditional approach of teaching trade science and trade calculation as separate and distinct subjects in technical college programmes is not relevant to the new programme as it will amount to a duplication of the teaching of mathematics and physical science subjects in the course. The basic concepts and principles in mathematics and physical science are the same as in the trade calculation and trade science. In the new scheme therefore, mathematics and physical science will be taught by qualified persons in these fields and the instructors will apply the principles and concepts in solving trade science and calculation problems in the trade theory classes. To this end, efforts have to be made to ensure that mathematics and science modules required to be able to solve technical problems were taken as pre-requisite to the trade module.

Evaluation Of Programme/Module

For the programme to achieve its objectives, any course started at the beginning of a term must terminate at the end of the term. Instructors should therefore device methods of accurately assessing the trainees to enable them give the student's final grades at the end of the term. A national examination will be taken by all students who have successfully completed their modules. The final award will be based on the aggregate of the scores attained in course work and the national examination.

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CURRICULUM TABLE COURSE HOURS/WEEK

Module Code	MODULE	YE	AR I					YEA	R 2					YEA	R 3					TOTAL HRS
		Te 1	rm	Terr	n 2	Terr	n 3	Terr	n 1	Terr	n 2	Terr	n3	Terr	n 1	Terr	n 2	Term	3	FOR EACH
		Т	Р	Т	Р	Т	Р	Т	Р	Т	Р	Т	Р	Т	Р	Т	Р	Т	Р	
CMA12 - 15	Mathematics	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	216
CPH 10 - 12	Physics	2	-	2	2	2	2	2	1	2	1	2	1	2	1	2	1	2	-	288
CEN 11- 17	English Language	2	-	2	-	2	-	2	-	3	-	3	-	3	-	3	-	3	1	288
CEC 11 - 13	Economics	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	-	-	216
CTD 11 - 13	Drawing		3	-	3	-	3	-	3	-	3	-	3	-	-	-	-	-	-	216
ICT 11- 15	Computer Studies	-	-	-	-	-	-	1	2	1	2	1	2	-	-	-	-	-	-	108
CBC 11	Intro. To Building Const.	2	1	2	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	108
CBM 12	Basic Const. Mgt. 1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	36
CTD 14	Building Drawing	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
CBM 11	Entrepreneurship.	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	48
CPD 111	Introduction to building materials	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
CPD 112	Basic tools and materials for interior decoration	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60

CPD 121	Design elements in painting and decoration	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
CPD 122	Preparation of basic surfaces for painting and decoration	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
CPD 131	Colour Theory I	-	-	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	60
CPD 132	Painting, decorative materials and Finishes	-	-	-	-	2	3		-	-	-	-	-	-	-	-	-	-	-	60
CPD 211	Material Handling Technique	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	-	-	72
CPD 212	Tools and Equipment handling	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	-	-	72
CPD 221	Erection and dismantling of access equipment I	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	72
CPD 222	Quantification	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	72
CPD 223	Colour Theory II	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	72
CPD 231	Space management I	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	48
CPD 232	Basic tools and materials for POP works	-	-	-	-	-	-	-	-	-	-	3	6	-	-	-	-	-	-	108
CPD 233	Erection and dismantling of access equipment II	-	-	-	-	-	-	-	-	-	-	3	6	-	-	-	-	-	-	108
CPD 311	Surface preparation techniques	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	-	-	-	108
CPD 312	Space management	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	-	-	72

CPD 321	Wall finishing and	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	-	108
	decorating																			
	techniques in																			
	painting and																			
	decoration																			
CPD 322	Painting techniques	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	-	-	96
	and methods																			
CPD 331	Application and	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	120
	Installation of																			
	building materials																			
CPD 332	Surface finishing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	120
	Total	1	1	14	16	14	12	13	13	16	18	21	20	19	11	14	12	15	13	3180
		4	0																	

YEAR I TERM I

PROGRAMN	IE: NATIONAL TECHNICA	L CERTIFICATE IN PAI	NTING, DECORATION ANI	D FINISHES (INTERIOR DESIGN)
MODULE: I	NTRODUCTION TO BUILDIN	IG MATERIALS	MODULE CODE: CPD 11	1 CONTACT HOURS: 60
YEAR: I	TERM: I	PRE: REQUISITE	: Theoret	i cal: 2 Hours
			Pract	ical: 3 Hours
GOAL: This n	nodule is designed to provi	de the leaner with kno	wledge and skills to be pro	ficient in different types of building materials
their proper	ties, and their uses in const	truction		
	BJECTIVES:			
GENERAL OL				
	on of this module, the lear	er should be able to:		
On completi			erior.	
On completi 1.0 Underst	on of this module, the lear	elation to building inte		riting.
On completi 1.0 Underst 2.0 Underst	on of this module, the lean and Building Materials in r	elation to building inte elated to building mate	erials in discussions and w	riting.
On completi 1.0 Underst 2.0 Underst 3.0 Underst	on of this module, the lean cand Building Materials in r cand the Use basic words re	elation to building inte elated to building mate n materials (natural) a	erials in discussions and w	riting.

PROGRAM	MME: NATIONAL TECHNICA	L CERTIFICATE IN PAINTIN	G, DECORATION	AND FINISHES (INTERIOR DESIGN)		
MODULE	INTRODUCTION TO BUILD	ING MATERIALS		MODULE CODE: CBC 111	CONTACT HOURS: 2 Practical/Wk.	2hrs Theory; 3Hr.
YEAR: 1	TERM: 1	PRE: REQUISITE:		Theoretical: 36 Hours		
				Practical: 48 Hours		
GOAL: Th	0 1	ide the leaner with knowle uses in construction	edge and skills to	be proficient in different types of buil	lding materials, their p	roperties, and
	Theoret	ical Content		Practic	al Content	
GENERAL	OBJECTIVE 1.0: Understand	Building Materials in relati	on to building in	terior.		
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
1-2	1.1 Describe building materials in interior design	Explain building materials in interior design	Maker Whiteboard Text books Projector Computer Videos	Identify the building materials in interior design	Guide learners to: Identify building materials in interior design	Sample materials
	1.2 Outline the role of building materials in relation to interior design.	Explain the role of building materials in relation to interior design	Pictures	Select the building materials used in interiors	Select the building materials used in interiors	
	1.3 State the building materials used in interiors	Explain the building materials used in interiors				
	1.4 Describe how materials affect comfort, design, and functionality in a space.	Explain how materials affect comfort, design, and functionality in a space.		Demonstrate how materials affect comfort, design, and functionality in a space.	Demonstrate how materials affect comfort, design, and functionality in a space.	

Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
3	2.1 List material-related terms used in construction	Explain material-related terms used in construction	Maker Whiteboard Text books Projector Computer Videos Pictures			
GENER	2.2 Describe material characteristics related to building AL OBJECTIVE 3.0: Understand	Explain material characteristics related to building.				
CLIVEN	AL OBJECTIVE S.U. Onderstand	a the difference between ma	aterials (natural) and (man-made).		
Week	Specific Learning Outcome	Teachers Activities	Learning Resources) and (man-made). Specific Learning Outcome	Teachers Activities	Learning Resources
	Specific Learning	Teachers	Learning	Specific Learning		0

Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
6-7	4.1 List the uses of materials in building for interior purposes	Explain the uses of materials in building for interior purposes	Maker Whiteboard Text books Projector Videos	Demonstrate how specific materials are chosen for different purposes	Guide the learners to: Demonstrate how specific materials chosen for different purposes	machines etc.
	4.2 State why specific materials are chosen for different purposes	Explain why specific materials are chosen for different purposes				
	4.3 List the importance of materials in safety, comfort, and sustainability.	Explain the importance of materials in safety, comfort, and sustainability.				

Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
8-9	5.1 Discuss safety measures in handling building materials.	Explain what safety measures are in handling building materials	Maker Whiteboard Text books Projector Videos	Identify what safety measures are in handling building materials	Guide students to: Identify what safety measures are in handling building materials	Safety signs, hand gloves, boots, protective clothing goggles etc.
	5.2 State potential hazards associated with different materials	Explain potential hazards associated with different materials		Identify potential hazards associated with different materials	Identify potential Hazards associated with different materials	
	5.3 Discuss the importance of cleaning and storing materials safely after use.	Explain the importance of cleaning and storing materials safely after use.		Identify the importance of cleaning and storing materials safely after use.	Identify the importance of cleaning and storing materials safely after use.	

		TERIALS FOR INTERIOR DECORATION		CONTACT HOURS: 60					
YEAR: 1	TERM: 1	PRE: REQUISITE:	Theoretical: 2 Ho	urs					
Practical: 3 Hours									
GOAL: This	module is designed to	provide the learner with knowledge	and skills on basic uses of tools and	materials for interior decoration					
GENERAL C	BJECTIVES:								
		e leaner should be able to:							
•		aterials for interior decoration							
	andling and Storage o								
	v v	ent of interior decoration materials.							
3.0 Under									
	he preparation of surf	acos tor intorior docoration							

MODULI	E: BASIC TOOLS AND MATER	IALS FOR INTERIOR DECOF	RATION	MODULE CODE: CPD 112	CONTACT HOURS: 2 Practical/Wk.	hrs Theory; 3Hr?
YEAR: 1	TERM: 1	PRE: REQUISITE:		Theoretical: 24 Hours	•	
				Practical: 36 Hours		
GOAL: T	his module is designed to prov	ide the learner with know	ledge and skills o	on basic uses of tools and materials for	interior decoration	
	Theoret	ical Content		Practic	al Content	
GENERA	L OBJECTIVE 1.0: Know the us	e of tools and materials fo	or interior decora	ation		
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-2	1.1 List tools and materials for use in interior decoration.	Explain tools and materials for use in interior decoration.	Maker Whiteboard Text books Projector Videos	Identify tools and materials for use in interior decoration	Guide learners to: Identify tools and equipment for use in interior decoration	Measuring tape, drill, screw driver, staple gun, upholstery tools, ladder, and scrappers. Putty knives, buckets, trimming knives (assorted)
	1.2 Discuss the required tools and materials for interior decoration	tools and materials for interior decoration		Select the required tools and materials for interior decoration	Select the required tools and materials for interior decoration	
	1.3 State the uses of tools and materials for interior decoration	Explain the uses of tools and materials for interior decoration		Carryout hands-on uses of tools and materials for interior decoration	Carryout hands-on uses of tools and materials for interior decoration	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-4	2.1 List the common materials required for handling and Storage	Explain the common materials required for handling and Storage	Marker Whiteboard Computer Projector	Identify the common materials required for handling and Storage materials	Guide learners to: Identify the Common Materials required for handling and Storage materials	Videos clips
	2.2 Discuss the different methods of handling and storage of materials	Explain the different methods of handling and storage of materials		Carry out safe storage of materials in interior decoration.	Carry out safe storage of materials in Interior decoration.	
	2.3 Explain required safe storage of materials in interior decoration	Explain required safe storage of materials in interior decoration.				

Week	Specific Learning Outcome	Teachers Activition	Learning	Specific Learning	Teachers	Learning
5-6	3.1 List the required surfaces to be measured in interior decoration.	Activities Explain required surfaces to be measured in interior decoration	Resources Marker Whiteboard Computer Projector	Outcome Identify required surfaces to be measured in interior decoration	Activities Guide the learners to: identify required surfaces to be measured in interior decoration	Resources Measuring tools
	3.2 State the basic measurement units used in interior decoration.	Explain the basic measurement units used in interior decoration		Carry out different measurements using measuring tools	Guide the learners to: identify different measurements using measuring tools.	Measuring tools
	3.3 Recognize different shapes for measurement using measuring tools.	Explain different shapes for measurement using measuring tools.	Marker Whiteboard Computer Projector			

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-9	4.1 List out cover items in the work environment before carrying out surface preparation in interior decoration.	Explain cover items in the work environment before carrying out surface preparation in interior decoration.	Marker Whiteboard Computer Projector	Identify Cover in the work environment before carrying out surface preparation in interior decoration.	Guide the learners to: Identify cover items in the work environment before carrying out surface preparation in interior decoration.	Covers
	4.2 State required methods of surface preparation in interior decoration.	Explain required methods of surface preparation in interior decoration.		Identify required methods of surface preparation in interior decoration.	Identify required methods of surface preparation in interior decoration.	
	4.3 Discuss required basic surface preparation in interior decoration	Explain required basic surface preparation in interior decoration		Perform required basic surface preparation in interior decoration	Perform required basic surface preparation in interior decoration	

YEAR 1 TERM 2

	ELEMENTS OF DESIGN IN	I PAINTING AND MODULE CO	DDE: CPD 121	CONTACT HOURS: 60						
DECORATION	N									
YEAR: 1	AR: 1 TERM: 2 PRE: REQUISITE:		Theoretical: 2Hours							
			Practical: 3Hou	Irs						
GOAL: This r	nodule is designed to provid	le the learner with knowledge an	d skills on elements o	of design in relation to painting and						
decoration										
GENERAL OE	RIECTIVES									
	on of this module, the leaner	should be able to:								
•	•	silouid be able to.								
	erstand lines									
2. Unde	erstand shapes									
3. Understand forms										
3. Unde			4. Understand colors							
0. 0										
4. Unde	erstand colors									
4. Undo 5. Undo										

MODULI	E: ELEMENTS OF DESIGN IN I	PAINTING AND DECORATIO	ON	MODULE CODE: CPD 121	CONTACT HOURS Practical/Wk.	2hrs Theory; 3Hr
YEAR: 1	TERM: 2	PRE: REQUISITE:		Theoretical: 2 Hours		
				Practical: 3 Hours		
GOAL: T	his module is designed to prov	vide the learner with know	ledge and skills o	on elements of design in relation t	to painting and decoration	n
	Theoret	ical Content		Pr	actical Content	
GENERA	L OBJECTIVE 1.0: Understand	lines				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1	1.1 Define lines on surface	Explain lines on surface	White board	Create lines on surface	Guide to show:	Surface
			& Marker		Create lines on	Drawing tools
			Textbooks		surface	
			Visual Aids			
			Drawing			
			materials			
	1.2 List types of lines	Explain types of lines				
	1.3 Explain functions of	Explain functions of				
	lines	lines				
	1.4 Discuss uses of lines	Explain uses of lines				

GENERA	L OBJECTIVE 2.0 Understand	shapes				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
2-3	2.1 Define shapes on surface	Explain shapes on surface	White board & Marker Textbooks Visual Aids Drawing materials	Create model of shapes	Guide students to: Create model of shapes	Glue Cardboard Drawing paper etc.
	2.3 List types of shapes	Explain types of shapes				
	2.3 Explain functions of Shapes	Explain functions of shapes				

	L OBJECTIVE 3.0: Understand		Learning	Creatific Learning	Teachers	Looming
Week	Specific Learning	Teachers	Learning	Specific Learning Outcome		Learning
4 5	Outcome 3.1 Define forms	Activities	Resources	Outcome	Activities	Resources
4-5	3.1 Define forms	Explain forms	White board			
			& Marker			
			Textbooks			
			Visual Aids			
			Drawing			
			materials			
	3.2 List types of forms	Explain types of forms				
	3.3 Explain functions of	-				
	forms	forms				
GENERA	LOBJECTIVE 4.0: Understand	colours				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
6-7	4.1 Define colours	Explain colours	White board	Test colour and light in different	Guide leaners to:	Charts
			& Marker	environment	Test colour and	pallets
			Textbooks		light in different	
			Visual Aids		environment	
			Drawing			
			materials			
			Charts			
			pallets			
	4.2 Identify types of	Explain types of colour				
	colours					
	4.3 Discuss the	Explain the relationship				
	relationship between	between colour and				
	colour and light in	light in different				
	different environment	environment				

CURRICULUM AND MOUDULE SPECIFICATIONS IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

GENERA	LOBJECTIVE 5.0: Understan	nd patterns				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
8-9	5.1 Define patterns	Explain patterns	White board	Create different types of	Guide students to:	Brushes
			& Marker	patterns	Create different	Rollers
			Textbooks		types of patterns	Drawing tools
			Visual Aids			
			Drawing			
			materials			
			Charts			
	5.2 List types of	Explain types of				
	patterns	patterns				
	5.3 Discuss the function	Explain functions of				
	of patterns	patterns				

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
10.11	Outcome	Activities	Resources	Outcome	Activities	Resources
10-11	6.1 Define textures	Explain textures	White board	Create different types of	Guide students to:	Brushes
			& Marker Textbooks	textures	Create different	
			Visual Aids		types of textures	Drawing tools
			Drawing			
			materials			Rollers Drawing tools Learning Resources Plans Designs models
			Charts			
	6.2 List types of texture	Explain types of				
		Texture				
	6.3 list the function of	Explain the				
	textures	function of textures				
	LOBJECTIVE 7.0: Understand			1		-
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	-
	Outcome	Activities	Resources	Outcome	Activities	
11-12	7.1 Define space	Explain space	White board	Create spaces	Guide students to:	
			& Marker		Create spaces	•
			Textbooks			models
			Visual Aids			
			Drawing			
			materials			
			Charts			
	7.2 Discuss types of	Explain types of				
	spaces	Spaces				
	7.3 Identify function of	Explain function of				
	spaces	spaces				

PROGRAMME	: NATIONAL TECHNICAL CE	RTIFICATE IN PAII	NTING, DECORAT	TION AND FINISHES (INT	ERIOR DESIGN)		
MODULE:	PREPARATION OF BASIC	SURFACES FOR	MODULE CODE	: CPD 122	CONTACT HOURS: 60		
PAINTING AND	DECORATION						
YEAR: 1	EAR: 1 TERM: 2 PRE: REQUISITE			Theoretical: 2Hours			
				Practical: 3Hours			
GOAL: This module is designed to equip leaners with the knowledge and skills in preparing various types of basic surfaces for							
painting works							
GENERAL OBJE	ECTIVES:						
On completion	of this module, the leaner sh	ould be able to:					
1.0 Know tool	s and materials for basic surf	ace preparation.					
2.0 Know diff	erent types of surfaces.						
3.0 Understa	nd Surface Preparation Princi	ples					
4.0 Understa	nd Surface Preparation Tools	and Materials					
5.0							

MODUL	E: PREPARATION OF BASIC S	URFACES FOR PAINTING AN	ID DECORATION	MODULE CODE: CPD 122	CONTACT HOURS: 2 Practical/Wk.	2hrs Theory; 3Hr.	
YEAR: 1	TERM: 2	PRE: REQUISITE:		Theoretical: 24 Hours Practical: 36 Hours			
GOAL: 1	This module is designed to equ	uip leaners with the knowle	dge and skills in p	preparing various types of basic surfa	aces for painting works.		
		tical Content		Practi	cal Content		
GENERA	L OBJECTIVE 1.0: Know tools	and materials for basic surf	face preparation			•	
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources	
1-2	1.1 List the required tools and materials for the preparation of basic surfaces for painting and decorative works.	Explain the required tools and materials for the preparation of basic surfaces for painting and Decorative works.	Marker Whiteboard Computer Projector	Identify the required tools and materials for the preparation of basic surfaces for painting and Decorative works.	Guide the leaners to: Identify the required tools and materials for the preparation of basic surfaces for painting and Decorative works.	Scrapers, wire brushes, sponges, cleaning solutions. Sandpaper sanding blocks, power sanders. Wall fillers, wood putty, sealants, undercoats. Gloves, dust masks, goggles for safe handling.	
	1.2 State the types of paint and related decorating materials.	Explain the types of paint and related decorating materials.		Identify the types of paint and related decorating materials.	Identify the types of paint and related decorating materials.		
	1.4 Explain the mix proportion of materials	Explain the mix proportion of materials		Identify mix proportion ratios of materials	Identify mix proportion ratios of materials		

GENERA	L OBJECTIVE 2.0: Know differe	ent types of surfaces.				
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
3-4	2.1 List Common Surface Types in painting and decoration	Explain Common Surface Type in painting and decoration	Marker Whiteboard Computer Projector	Identify various types of surfaces	Guide learners to: Identify required types of surfaces,	Wood surface Rendered wall Metal surface etc.
	2.2 State the difference Surface Characteristics used in painting and decoration	Explain the difference Surface Characteristics used in painting and decoration		Use the basic surfaces preparation on different surfaces	Use the basic surfaces preparation on different surfaces. the basic	
	2.3 State the required tools and materials for different surfaces	Explain the required tools and materials for different surfaces				
	2.4 Explain the basic surface preparation on different surfaces	Explain the basic surfaces preparation on different surfaces.				
	2.5 Describe prime coat application methods to surfaces	Explain prime coat application methods to surfaces				

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
5-6	3.1 List the Importance of	Explain the Importance	Marker	Demonstrate Surface Cleaning and	Guide learners to:	Scrapers, wire
	Surface Preparation	of Surface Preparation	Whiteboard	Repair Techniques	Demonstrate	brushes,
			Computer		Surface Cleaning	sponges,
			Projector		and Repair	cleaning
					Techniques	solutions.
						Sandpaper
						sanding blocks
						power sanders
						Wall fillers,
						wood putty,
						sealants,
						undercoats.
						Gloves, dust
						masks, goggles
						for safe
	2.2 Evaluia factors that	Evalain factors that			Identifi common	handling
	3.2 Explain factors that	Explain factors that		Identify common surface defects	Identify common surface defects and	
	affect the quality of painting and decorating.	affect the quality of painting and		and contaminants	contaminants	
	painting and decorating.	decorating.			Containinants	
GENERA	LOBJECTIVE 4.0: Understand		and Materials			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
meen	Outcome	Activities	Resources	Outcome	Activities	Resources
7-8	4.1 List tools used in	Explain Common	Marker	Identify Common Surface	Guide the learners	Scrapers, wire
	surface preparation.	Surface Preparation		Preparation Tools	to:	brushes,
		Tools	Whiteboard		Identify Common	sponges,
						cleaning
			Computer		Surface	solutions.
					Preparation Tools	Sandpaper
			Projector			sanding blocks,

					power sanders. Wall fillers, wood putty, sealants, undercoats. Gloves, dust masks, goggles for safe handling
	4.2 Describe the steps used in achieving a smooth and durable surface	Explain the steps used in achieving a smooth and durable surface	Carry out various steps in achieving a smooth and durable surface	Guide students to: Carry out various steps in achieving a smooth and durable surface	

YEAR I TERM 3

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)								
MODULE: CO	DLOUR THEORY I		MODULE CODE	: CPD 131	CONTACT HOURS: 60			
YEAR: 1	YEAR: 1 TERM: 3 PRE: REQUISITE			Theoretical: 2 Hours				
				Practical: 3 Hours				
GOAL: The mo	dule is designed to equip lea	rners with an und	erstanding of co	lour principles, enabling t	them to select, combine, and			
apply colours e	effectively to enhance aesthe	tics, mood, and fu	nctionality in int	erior spaces.				
GENERAL OBJ	ECTIVES:							
On completior	of this module, the leaner sh	nould be able to:						
1.0 Under	stand the Colour Wheel in pa	inting, decoration	and interior finis	shes				
2.0 Know	Colour Mixing							
3.0 Know	Colour Types and their effect	S.						
4.0 Under	stand Colour Harmonies							
5.0 Understand the Psychological Effects of Colour								
6.0 Underst	0 Understand how to select and apply colours in different interior spaces							

MODUL	E: COLOUR THEORY I			MODULE CODE: CPD 131	CONTACT HOURS: 2hrs Theory; 3 Practical/Wk.	
YEAR: 1	TERM: 3	PRE: REQUISITE:		Theoretical: 24 Hours		
				Practical: 36 Hours		
GOAL: T		p learners with an underst ce aesthetics, mood, and f		principles, enabling them to select, c	ombine, and apply cold	ours effectively to
Theoret	ical Content			Practical Content		
	LOBJECTIVE 1.0: Understand	the Colour Wheel in painti	ing, decoration a			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-2	1.1 List primary colours	List primary colours	Maker Whiteboard Text books Projector Videos	Identify primary colours	Guide learners to: Identify primary, secondary and tertiary colours	Watercolour paints, colour mixing trays. Printable colour mixing activity sheets
	1.2 List secondary colours	List secondary colours		Identify, secondary colours	Identify, secondary colours	
	1.3 List Tertiary colours	List Tertiary colours		Identify tertiary colours	Identify tertiary colours	
	1.4 Differentiate between primary, secondary, and tertiary colours.	Explain the differences between primary, secondary and tertiary		Identify the differences between primary, secondary and tertiary	Identify the differences between primary, secondary and tertiary	
	1.5 Discuss how colours can evoke emotions and	Explain how colours can influence motions and				

	meanings in different contexts. 1.6 Explain the colour	meanings in different context Explain the colour				
	wheel and how it helps us choose colours.	wheel and how it helps us choose colours				
GENERA	L OBJECTIVE 2.0: Know Colou	r Mixing		·		·
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
3-4	2.1 Explain mixing of primary colours	Explain mixing of primary colours	Maker Whiteboard Text books Projector Videos	Mix two primary colours to create a new colour	Guide learners to: Mix two primary colours to create a new colour	Water colour mixing palettes, poster colour, paintbrushes Sable brushes. Printable colour mixing activity sheets
	2.2 Explain mixing of primary and secondary colours	Explain mixing of primary and secondary colours		Mix primary and secondary colours or any two secondary colours to create a new colour	Mix primary and secondary colours or any two secondary colours to create a new colour	
	2.3 Recognize Light and Dark Shades in colour mixing	Explain Light and Dark Shades in colour mixing		Identify Light and Dark Shades in colour mixing	Identify Light and Dark Shades in colour mixing	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
5-6	3.1 Explain Colours and	Explain Colours and	Maker	Identify Use of Colours for	Guide students to:	Paints, crayons,
	their effects.	their effects.	Whiteboard	Different Purposes and	Identify Use of	markers,
			Text books	effects and in designs	Colours for	construction
			Projector		Different	paper.
			Videos		Purposes and	Worksheets
			Printable		effects and in	
			Colour Wheel		designs	
			Chart			
	3.2 Explain Colours for	Explain Colours for				
	Different Purposes and its	Different Purposes and				
	effects in designs.	its effects in designs.				
	3.3 List colours in nature	Explain colours in				
	used in paintings and	nature used in				
	decorations	paintings and				
		decorations				
GENERA	LOBJECTIVE 4.0: Understand	Colour Harmonies				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-8	4.1 List the different	Explain the different	Maker	Identify Different Colour	Guide learners to:	Paints, colour
	Colour Harmonies in	Colour Harmonies in	Whiteboard	Harmonies in painting and	Identify Different	swatches,
	painting and decoration of	painting and decoration	Text books	decoration of interiors	Colour Harmonies	interior design
	interiors	of interiors	Projector		in painting and	templates.
			Videos		decoration of	Printable
			Printable		interiors	colour
			Colour			harmony
			Wheel			practice
			Chart			sheets ,
						Colour charts

	 4.2 State how different harmonies create visual balance, contrast, and mood in art and interior design. 4.3 Discuss how colour 	Explain how different harmonies create visual balance, contrast, and mood in art and interior design. Explain how colour		Demonstrate how colour	Demonstrate how	
	harmonies are used in home decoration	harmonies are used in home decoration		harmonies are used in home decoration	colour harmonies are used in home decoration	
GENERA	L OBJECTIVE 5.0: Understand	the Psychological Effects of	f Colour	- L		-
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
9-10	5.1 Explain how different colours evoke specific emotions	Explain how different colours evoke specific emotions	Maker Whiteboard Text books Projector Videos Printable Colour Wheel Chart	Demonstrate how different colours evoke specific emotions	Guide students to: Demonstrate how different colours evoke specific emotions	Paints, colour swatches, interior design templates. Printable colour harmony practice sheets, Colour charts
	5.2 State how colour choices influence the atmosphere of a space or artwork.	Explain how colour choices influence the atmosphere of a space or artwork.				

GENERA	L OBJECTIVE 6.0: Understand I	now to select and apply col			1	1
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
11-12	6.1 Explain colours in painting and decoration	Explain the selection of colours in painting and	Books Videos:	Demonstrate how to select and apply colours to influence	Guide students to: Demonstrate how	Paints, colour swatches,
	to influence emotions and purpose.	decoration to influence emotions and purpose.	Printable Colour Wheel Charts	emotions, and purpose.	to select and apply colours to influence emotions, and purpose	interior design templates. Printable colour harmony practice sheets, Colour charts
	6.2 Explain the role of Colour in different	Explain the Role of Colour in Artistic				
	interior spaces	and Design Fields				

PROGRAMME	: NATIONAL TECHNICAL CE	RTIFICATE IN PAINTING, DEC	ORATION AND FI	NISHES (INTERIOR DESIG	GN)
MODULE: PA	INTING, DECORATIVE MATER	IALS AND FINISHES	MODULE CODE	: CPD 132	CONTACT HOURS: 60
YEAR: 1	TERM: 3	PRE: REQUISITE:		Theoretical: 2 Hours	
				Practical: 3 Hours	
GOAL: This mo	odule is designed to introduc	e learners to painting, decora	itive materials, ai	nd finishes, enabling the	em to understand their types,
applications, a	nd role in enhancing surfaces	and spaces.			
GENERAL OBJ	ECTIVES:				
On completion	of this module, the leaner sh	nould be able to:			
1.0 Understar	nd the basic concepts and pur	pose of painting and decorati	ve finishes.		
2.0 Understar	nd the different Types of Pain	ts used in finishes			
3.0 Understar	nd the importance of paints, o	decorative materials, and finis	hes in surface pre	eparation	

MODULI	E: PAINTING, DECORATIVE M	ATERIALS AND FINISHES		MODULE CODE: CPD 132	CONTACT HOURS: 2hrs Theory; 3 Practical/Wk.			
YEAR: 1	TERM: 3	PRE: REQUISITE:		Theoretical: 2 Hours				
				Practical: 3 Hours				
GOAL: T	.	oduce learners to painting, enhancing surfaces and sp		erials, and finishes, enabling them to u	nderstand their types,	applications, and		
		ical Content		Practic	al Content			
GENERAL OBJECTIVE 1.0: Understand the basic concepts and purpose of pain			pose of painting	and decorative finishes				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning		
	Outcome	Activities	Resources	Outcome	Activities	Resources		
1-3	 1.1 Describe painting and decorative finishes in design 1.2 State the purpose of 	Explain painting and decorative finishes In design of surfaces Explain the purpose of	Maker Whiteboard Text books Projector Videos	Identify painting and decorative finishes in design of surfaces.	Guide the learners to: Identify painting and decorative finishes In design of surfaces	Sample Paint Sample surfaces		
	painting and decorative finishes in design.	painting and decorative finishes in design of surfaces		decorative finishes	of painting and decorative finishes			
	1.3 State the different types of paint and their uses.	Explain the different types of paint and their uses.		Identify decorative finishes to be applied on surfaces	Identify decorative finishes to be applied on surfaces			
	1.4 Discuss decorative finishes to be applied on surfaces in spaces	Explain decorative finishes to be applied on surfaces in spaces		Demonstrate how decorative finishes can be applied on surfaces in spaces	Demonstrate how decorative finishes can be applied on surfaces in spaces	Sample of decorative finishes		

						Sample of surfaces
	1.5 Describe how color, texture, and patter n contribute to interior and exterior decoration	Explain how color, texture, and pattern contribute to interior and exterior decoration		Demonstrate how color, texture, and pattern contribute to interior and exterior decoration	Demonstrate how color, texture, and pattern contribute to interior and exterior decoration	
GENERAL	OBJECTIVE 2.0: Understand		ts and Decorativ		1	
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
4-5	2.1 Describe the difference between water-based and oil-based paints.	Explain the difference between water- based and oil- based paints.	Maker Whiteboard Text books Projector Videos	Identify the differences between water-based and oil-based paints.	Guide learners to: Identify the difference between water-based and oil-based paints.	Paint
	2.2 State the advantages and disadvantages of different paint types.	Explain the advantages and disadvantages of different paint types used on				

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
6-7	3.1 Discuss the	Explain the importance	Maker	Identify the importance of paints,	Guide learners to:	Sandpaper,
	importance of paints,	of paints, decorative	Whiteboard	decorative materials, and finishes		sponges, and
	decorative materials, and finishes in surface	materials, and finishes in surface preparation	Text books Projector	in surface preparation.	Identify the importance of	cleaning cloths
	preparation		Videos		paints, decorative	Primer, filler,
					materials, and finishes in surface	and scrapers
					preparation.	Wood and
						drywall
						samples for
						testing
						Paintbrushes
						and
						sample
						paints
	3.2 State why surface	Explain the reasons as		Demonstrate why surface	Demonstrate why	
	preparation is important	to why surface		preparation is important	surface preparation	
	before painting or	preparation is		before painting or applying	is important before	
	applying finishes.	important before		finishes.	painting or	
		painting or applying finishes			applying finishes	
	3.3 List surface problems	Explain surface		Identify surface problems that	Identify surface	Sample surface
	that affect paint adhesion.	problems that affect		affect paint adhesion.	problems that	
		paint adhesion.			affect paint	
					adhesion.	
	3.4 Explain different	Explain different		Identify different surface	Identify different	
	surface preparation	surface preparation		preparation techniques	surface preparation	
	techniques	techniques			techniques	

3.5 State how preparation improves durability and the appearance of paint and finishes.	Explain how preparation improves durability and the appearance of paint and finishes.	Identify how preparation improves durability and the appearance of paint and finishes.	Demonstrate how p reparation improves durability and the appearance of paint and finishes.	
3.6 List the consequences of poor surface preparation	Explain the consequences of poor surface preparation			

YEAR 2 TERM 1

PROGRAMME	: NATIONAL TECHNICAL C	RTIFICATE IN PAI	NTING, DECORA	TION AND FINISHES (INT	ERIOR DESIGN)
MODULE: M	MODULE: MATERIAL HANDLING TECHNIQUE			: CPD 211	CONTACT HOURS: 72
YEAR: 2	AR: 2 TERM: 1 PRE: REQUISIT			Theoretical: 2 Hours	
				Practical: 4 Hours	
GOAL: This m	odule is designed to provide	the learner with	knowledge and	skills in preparing, hand	ing and storing paint related
materials relevant	vant to the painter occupatio	n in the constructi	on industry.		
GENERAL OBJ	ECTIVES:				
On completio	n of this module, the leaner s	hould be able to:			
1.0 Know mix	king of materials.				
2.0 Know har	ndling of materials.				
3.0 Know sto	ring of materials				

MODULE	E: MATERIAL HANDLING TEC	CHNIQUE		MODULE CODE: CPD 211	CONTACT HOURS: 2hrs Theory; 4 Practical/Wk.		
YEAR: 2	TERM: 1	PRE: REQUISITE:		Theoretical: 2 Hours Practical: 4 Hours			
GOAL: Th	÷ .	vide the learner with know er occupation in the constru	-	n preparing, handling and storing pain	t related materials rele	evant to the	
		tical Content	/	Practio	al Content		
GENERA	L OBJECTIVE 1.0: Know mixin						
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources	
1-3	1.1 Explain types of painting and decorative materials	Explain types of painting and decorative materials	White board & Marker Textbooks & Manuals	Demonstrate proper techniques for mixing paints to achieve desired colors and textures	Guide students to: Demonstrate proper techniques for mixing paints to achieve desired colors and textures	Paint Mixing tools	
	1.2 Explain the chemical and physical properties of various paints and their interaction with surfaces	Explain the chemical and physical properties of various paints and their interaction with surfaces		Apply appropriate ratios when combining different materials for consistency and durability	Apply appropriate ratios when combining different materials for consistency and durability	Paint Mixing tools	
	1.3 Describe the purpose and effects of different additives	Explain the purpose and effects of different additives		Use tools and equipment for mixing	Use tools and equipment for mixing		
	1.4 Explain proper techniques for mixing paints to achieve desired colors and textures	explain proper techniques for mixing paints to achieve desired colors and		Demonstrate how to mix paints to achieve desired colors and textures	Demonstrate how to mix paints to achieve desired colors and textures	Paint Mixing tools	

	 1.5 State appropriate ratios when combining different materials for consistency and durability 1.6 List tools and equipment for mixing 	Explain appropriate ratios when combing different materials for consistency and durability Explain tools and equipment for mixing		Demonstrate using appropriate ratios when combining different materials for consistency and durability Identify tools and equipment for mixing	Demonstrate using appropriate ratios when combining different materials for consistency and durability Identify tools and equipment for mixing	Paint Mixing tools
GENERA	L OBJECTIVE 2.0: Know handl	ing of materials				
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
4-6	2.1 State different painting and decorative materials	Explain different painting and decorative materials		Identify different painting and decorative materials	Guide students to: Identify different painting and decorative materials	Sample materials
	2.2 Discuss the use of appropriate tools for handling painting and decorative materials	Explain the use of appropriate tools for handling painting and decorative materials		Demonstrate the use of appropriate tools for different materials for handling paint	Demonstrate the use of appropriate tools for different materials	
	2.3 List common hazards associated with handling painting and decorating materials	Explain common hazards associated with handling painting and decorating materials				
	2.4 Discuss techniques for storing and handling paints, solvents and chemicals	Explain techniques for storing and handling paints, solvents and chemicals		Demonstrate techniques for storing and handling paints, solvents and chemicals	Demonstrate techniques for storing and handling paints, solvents and chemicals	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-8	3.1 Discuss proper	Explain proper labelling		Demonstrate proper labelling and	Guide students to:	
	labelling and inventory	and inventory		inventory management for	Demonstrate	
	management for painting	management for		painting and decorative materials	proper labelling and	
3.	and decorative materials	painting and decorative			inventory	
		materials			management for	
					painting and	
					decorative	
					materials	
	3.2 List different methods	Explain different		Use appropriate containers for	Use appropriate	
	of safe storage, stacking	methods of safe		storing different materials to	containers for	
	and maintenance of	storage, stacking and		prevent contamination and	storing different	
	painting materials	maintenance of painting		deterioration	materials to	
		materials			prevent	
					contamination and	
					deterioration	
	3.3 List appropriate	Explain appropriate		Demonstrate storing different	Demonstrate	
	containers for storing	containers for storing		materials to prevent contamination	storing different	
	different materials to	different materials to		and deterioration	materials to	
	prevent contamination	prevent contamination			prevent	
	and deterioration	and deterioration			contamination and	
					deterioration	
	3.4 Explain safe handling	Explain safe handling		Demonstrate safe handling	Demonstrate safe	
	techniques when moving	techniques when		techniques when moving and	handling	
	and storing heavy or	moving and storing		storing heavy or hazardous	techniques when	
	hazardous materials	heavy or hazardous		materials	moving and storing	
		materials			heavy or hazardous	
					materials	

PROGRAM	ME: NATIONAL TEC	HNICAL CERTIFICATE IN PA	AINTING, DECORATIO	AND FINISHES (INTER	RIOR DESIGN)
MODULE:	MODULE: TOOLS AND EQUIPMENT HANDLING			PD 212	CONTACT HOURS: 72
YEAR: 2	TERM: 1	PRE: REQUISIT	E: Th	eoretical: 2 Hours	
				Practical: 4 Hours	
GOAL: This	module is designed to	equip students with know	vledge and skills for to	ols and equipment han	dling
GENERAL C	BJECTIVES:				
On complet	ion of this module, th	e leaner should be able to	:		
1.	Know types of tools a	nd equipment			
2.	Know Tools and equi	oment storage			
3.	Know Tools and equi	oment handling			
4. Know Tools and equipment care and maintenance					
5.					

MODULE	: TOOLS AND EQUIPMENT	HANDLING		MODULE CODE: CPD 212	CONTACT HOURS: 2hrs Theory; 1H Practical/Wk.		
YEAR: 2	TERM: 1	PRE: REQUISITE:		Theoretical: 2 Hours			
				Practical: 4 Hours			
GOAL: Th	nis module is designed to equ	uip students with knowled	ge and skills for to	ools and equipment handling			
	Theoretical Content			Practi	ical Content		
GENERAL	OBJECTIVE 1.0: Know types	of tools and equipment		•			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning	
	Outcome	Activities	Resources	Outcome	Activities	Resources	
1-2	1.1 List painting tools	Explain painting tools	White board	Identify tools and equipment	Guide students to:	Tools and	
	and equipment	and equipment	& Marker		Identify	equipment	
			Textbooks		tools and	samples	
			Visual Aids		equipment		
	1.2 List decoration and	Explain decoration and		Identify decoration and finishing	Identify decoration		
	finishing tools and	finishing tools and		tools and equipment	and finishing tools		
	equipment	equipment			and equipment		
	1.3 Describe the use of	Explain the use of		Demonstrate the use of different	Demonstrate the		
	various types of painting	various types of painting		types of painting tools and	use of different		
	tools and equipment	tools and equipment		equipment	types of painting		
					tools and		
					equipment		
	1.4 Describe the use of	Explain the use of		Demonstrate the use of different			
	various types of	various types of		types of decoration and finishes			
	decoration and finishes	decoration and finishes		tools and equipment			
	tools and equipment	tools and equipment					

GENERAI Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
3-4	3.1 Describe storage of tools and equipment	Explain storage of tools and equipment	White board & Marker Textbooks Visual Aids	Demonstrate storage of tools and equipment	Guide students to: Demonstrate storage of tools and equipment	Tools and equipment samples
	3.2 Discuss storage of painting tools and equipment	Explain storage of painting tools and equipment		Demonstrate storage of painting tools and equipment	Demonstrate storage of painting tools and equipment	
	3.3 Discuss storage of finishes and decoration tools and equipment	Explain storage of finishes and decoration tools and equipment		Demonstrate storage of finishes and decoration tools and equipment	Demonstrate storage of finishes and decoration tools and equipment	
GENERAI Week	DBJECTIVE 3.0: Know tool: Specific Learning Outcome	s and equipment handling Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
wеек 5-6	3.1 List tools and equipment handling techniques	Explain tools and equipment handling techniques	White board & Marker Textbooks Visual Aids	Identify tools and equipment handling techniques	Guide students to: Identify tools and equipment handling techniques	Tools Equipment
	3.2 Discuss tools and equipment handling techniques for painting	Explain tools and equipment handling techniques for painting		Demonstrate tools and equipment handling techniques for painting	Demonstrate tools and equipment handling techniques for painting	
	3.3 Discuss tools and equipment handling techniques for decoration and finishes	Explain tools and equipment handling techniques for decoration and finishes		Demonstrate tools and equipment handling techniques for decoration and finishes	Demonstrate tools and equipment handling techniques for decoration and finishes	

Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
7-8	4.1 List steps for tools and equipment care and maintenance	Explain steps for tools and equipment care and maintenance	White board & Marker Textbooks Visual Aids			
	4.2 Discuss the steps in care and maintenance of painting tools and equipment	Explain the steps in care and maintenance of painting tools and equipment		Carry out painting tools and equipment care and maintenance	Carry out painting tools and equipment care and maintenance	Solvents Cleaners Brushes Rags Wipes Surface cleaners
	4.3 Discuss steps in care and maintenance of decoration and finishing tools.	Explain steps in care and maintenance of decoration and finishing tools.		Carry out decoration and finishes tools and equipment care and maintenance.	Carry out decoration and finishes tools and equipment care and maintenance.	Solvents Cleaners Brushes Rags Wipes Surface cleaners

YEAR 2 TERM 2

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)									
MODULE:	ERECTION AND DISMANTL	ING OF ACCESS	MODULE CODE: CPD 221 CONT		CONTACT HOURS: 72				
EQUIPMENT I									
YEAR: 2	2 TERM: 2 PRE: REQUISITE:			Theoretical: 2 Hours					
				Practical: 4 Hours					
GOAL: This mo	GOAL: This module is designed to provide the trainee with knowledge and skills in erecting and dismantling of simple work platforms								
and scaffolds									
GENERAL OBJ	ECTIVES:								
On completion	of this module, the leaner sl	nould be able to:							
1.0 Know the	Erection of access equipmen	t.							
2.0 Know the	dismantling of platforms and	scaffolds.							
3.0 Understand	d Safety Compliance								

MODULI	E: ERECTION AND DISMANT	LING OF ACCESS EQUIPMEI	NTI	MODULE CODE: CPD 221	CONTACT HOURS: 2 Practical/Wk.	2hrs Theory; 4Hr.
YEAR: 2	TERM: 2	PRE: REQUISITE:		Theoretical: 2 Hours Practical: 4 Hours		
GOAL: T	• •	vide the trainee with adequ caffolds	iate knowledge	and skills to be proficient in erecting a	nd dismantling of simp	le work platforms
	Theoret	tical Content		Practic	cal Content	
GENERA	LOBJECTIVE 1.0: Know the Er	ection of access equipment	t			
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
1-3	1.1 List items and equipment for erection of simple scaffolding and platforms.	Explain items and equipment for erection of simple scaffolding and platforms	Maker Whiteboard Text books Projector Videos	Identify items and equipment for erection of simple scaffolding and platforms.	Guide learners to: Identify items and equipment for erection of simple scaffolding and platforms.	Timber, bamboo, steel pipes, nails, bolts and nut, clamps, planks, steel scaffold boards hammer, screw drivers, spanners, pick axe
	1.2 Describe organizational procedures to select and use resources.	Explain Organizational Procedures to Select and use resources.				
	 1.3 Discuss associated hazards in the erection and usage of simple scaffolding and platforms. 	Explain associated hazards in the erection and usage		Identify associated hazards in the erection and usage	Identify associated hazards in the erection and usage	

	1.4 List the required safety gadgets1.5 Discuss trade safety guidelines during erection	Explain the required safety gadgets Explain trade safety guidelines during erection		Identify usage of safety gadget Demonstrate trade safety guidelines during erection	Identify usage of safety gadget Demonstrate trade safety guidelines during erection	PPE Nets Safety Belt
	L OBJECTIVE 2.0: Know the dis				T	1
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
4-6	2.1 List the required tools for dismantling of scaffolding and platforms not exceeding 5.0m height	Explain the required tools for dismantling of scaffolding and platforms not exceeding 5.0m height	Maker Whiteboard Text books Projector Videos	Identify the required tools for dismantling of scaffolding and platforms not exceeding 5.0m height	Guide learners to: Identify the required tools for dismantling of scaffolding and platforms not exceeding 5.0m height	Timber, bamboo, steel pipes, nails, bolts and nut, clamps, planks, steel scaffold boards hammer, screw drivers, spanners, pick axe
	2.2 State associated hazards in the dismantling of scaffolds and platforms.	Explain associated hazards in the dismantling of scaffolds and platforms.		Identify the associated hazards in the dismantling of scaffolds and platforms.	Identify associated hazards in the dismantling of scaffolds and platforms.	
	2.3 Outline the required tools for dismantling of scaffolding and platforms	Explain the required tools for dismantling Of scaffolding and platforms				

	2.4 Discuss trade safety	Explain trade safety		Demonstrate trade safety	Demonstrate trade	
	guidelines during	guidelines during		guidelines during dismantling	safety guidelines	
	dismantling	dismantling			during dismantling	
GENERA	L OBJECTIVE 3.0: Understand	Safety Compliance			-	
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-8	3.1 List relevant workplace safety laws and regulations	Explain relevant workplace safety laws and regulations	Maker Whiteboard Text books Projector Videos	Identify the potential hazards when working with scaffolding, ladders, and mobile elevated work platforms	Guide learners to:Identify the potential hazards when working with scaffolding, ladders, and mobile elevated work platforms	Video clips
	3.2 Describe potential hazards when working with scaffolding, ladders, and mobile elevated work platforms	Explain potential hazards when working with scaffolding, ladders, and mobile elevated work platforms				
	3.3Describe assembly and disassembly techniques for scaffolding, towers, and ladders.	Explain assembly and disassembly techniques for scaffolding, towers, and ladders.		Demonstrate assembly and disassembly techniques for scaffolding, towers, and ladders.	Demonstrate assembly and disassembly techniques for scaffolding, towers, and ladders.	

MODULE:	QUANTIFICATION		MODULE CODE: CPD 222	CONTACT HOURS: 72
YEAR: 2	TERM: 2	PRE: REQUISITE	Theoretical: 2 Hours Practical: 4 Hours	
GOAL: This	module is designed to	provide the learner with kn	owledge and skills in measuring and e	stimating painting and decorating works
GENERAL O	BJECTIVES:			
- · ·	ion of this module. the	leaner should be able to:		
On complet				
•	•	es to be painted and decora	ated	
1.0 Know r	neasurement of surface	es to be painted and decora als required for painting ar		

MODULE	E: QUANTIFICATION			MODULE CODE: CPD 222	CONTACT HOURS: 2hrs Theory; 4 Hi Practical/Wk.		
YEAR: 2	TERM: 2	PRE: REQUISITE:		Theoretical: 36 Hours			
				Practical: 48 Hours			
GOAL:	This module is designed to pro	ovide the learner with know	wledge and skills	in measuring and estimating painting	and decorating works		
		ical Content		Practical Content			
GENERA	L OBJECTIVE 1.0: Know measu	urement of surfaces to be p	painted and dec	orated			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning	
	Outcome	Activities	Resources	Outcome	Activities	Resources	
1-3	1.1 List types of area to be painted and decorated	Explain types of area to be painted and decorated	Maker Whiteboard Text books Projector Videos	Identify types of area to be painted and decorated	Guide students to: Explain types of area to be painted and decorated	Graphs Charts Sample documents Measuring tools	
	1.2 Explain the unit of measurements for different surfaces	Explain the unit of measurements for different surfaces					
	1.3 Explain accurate measurement of surfaces to be covered	Explain accurate measurement of surfaces to be covered		Measure accurately the surfaces to be covered	Measure accurately the surfaces to be covered		
	1.4 Explain fractions and proportions to solve practical problems	Explain fractions and proportions to solve practical problems		Use fractions and proportions to solve practical problems	Use fractions and proportions to solve practical problems		
	1.5 Explain numbers, graphs and charts to express measurements taken	Explain numbers, graphs and charts to express measurements taken		Use numbers, graphs and charts to express measurements taken	Use numbers, graphs and charts to express measurements taken		

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
4-6	2.1 Discuss the coverage areas for various painting and decorating materials	Explain the coverage areas for various painting and decorating materials	Maker Whiteboard Textbooks Projector Videos	Determine the coverage areas for various painting and decorating materials	Guide students to: Determine the coverage areas for various painting and decorating materials	Sample documents
	2.2 Discuss how to estimate the quantity of materials to be used	Explain how to estimate the quantity of materials to be used		Estimate the quantity of materials to be used	Estimate the quantity of materials to be used	
	2.3 Explain the number of coats to be applied on the surfaces	Explain the number of coats to be applied on the surfaces		Determine the number of coats to be applied on the surfaces	Determine the number of coats to be applied on the surfaces	
GENERA	L OBJECTIVE 3.0: Know time m	nanagement				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-9	3.1 Discuss breakdown of work into sub units	Explain breakdown of work into sub units	Maker Whiteboard Text books Projector Videos			
	3.2 State time required for each work unit	Explain time required for each work unit				
	3.3 Discuss balancing of	Explain balancing of				

MODULE: COLOUR THEORY II			LE CODE: CPD 223 CONTACT HOURS:	72
YEAR: 2	TERM: 2	PRE: REQUISITE:	Theoretical: 2 Hours	
			Practical: 4 Hours	
GOAL: The n	nodule is designed to equ	uip learners with an understanding	g of colour theory principles, and their practical ap	plications to enhance
aesthetics, m	ood, and functionality in in	nterior spaces.		
GENERAL OB	JECTIVES:			
On completio	on of this module, the lean	er should be able to:		
1.0 Understa	and colour selection for sp	aces		
2.0 Understa	and principles of colour ha	rmony		
3.0 Understa	and colour mixing and mat	ching		
	nt techniques for decorativ			

CURRICULUM AND MOUDULE SPECIFICATIONS IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

MODUL	E: COLOUR THEORY II			MODULE CODE: CPD 223	CONTACT HOURS: 2 Practical/Wk.	2hrs Theory; 1Hr
YEAR: 2	TERM: 2	PRE: REQUISITE:		Theoretical: 2 Hours		
				Practical: 4 Hours		
GOAL: T		•	-	theory principles, and their practical a	applications to enhance	e aesthetics,
		, and functionality in inter ical Content	lor spaces.	Practic	al Content	
GENERA	L OBJECTIVE 1.0: Understand		S			
Week			1	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-2	1.1 Discuss how different	Explain how different	Maker	Conduct a small mood chart	Guide learners to:	Colour charts
	spaces require specific colours to enhance mood	spaces require specific colours to enhance	Whiteboard Text books	linking colours to emotions	Conduct a small	Calavina
	and function	mood and function	Projector		mood chart linking colours to	Colours
			Videos		emotions	pigment
			Colour charts		emotions	
	1.2 Describe the	Explain the difference		Create a colour wheel using paints	Create a colour	
	difference between active	between active space		to reinforce understanding of	wheel using paints	
	space and passive spaces	and passive spaces		harmonies	to reinforce	
					understanding of	
					harmonies	
	1.3 Discuss the role of	Explain the role of		Apply test swatches on a model	Apply test swatches	
	contrast in defining spaces	contrast in defining		wall to visualize the effect of	on a model wall to	
		spaces		colours in a small or large space	visualize the effect	
					of colours in a small	
					or large space	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-5	2.1 Define colour harmony	Explain colour harmony	Maker	Create a hand painted colour	Guide learners to:	Colours,
			Whiteboard	wheel and label the different	Create a hand	Sheets
			Textbooks	harmonies	painted colour	cardboard
			Projector		wheel and label the	Brushes,
			Videos		different harmonies	Paint,
			Colour			wall surface
			Charts			
	2.2 State the importance	Explain the importance		Demonstrate harmony type on a	Demonstrate	
	of colour harmony	of colour harmony		sheet	harmony type on a	
					sheet	
	2.3 List the principles of	Describe the principles		Apply each harmony type to a	Apply each	
	colour harmony	of colour harmony		sheet	harmony type to a	
					sheet	
	2.4 Discuss why colour	Explain why colour				
	harmony is essential in	harmony is essential in				
	painting and decoration	painting and decoration				
GENERA	L OBJECTIVE 3.0: Understand	colour mixing and matchin	g			-
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
6-8	3.1 Discuss how	Explain how foundation	Maker	Create a colour wheel by mixing	Guide students	Colours/pains
	foundation of colours can	of colours can be mixed	Whiteboard	basic colours to create different	to: Create a	Sheets,
	be mixed to form new	to form secondary	Textbooks	colours	colour wheel by	Brushes,
	colours	colours	Projector		mixing basic	Colour wheel,
			Videos		colours to create	surfaces,
			Colour charts		different colours	
	3.2 Discuss the difference	Explain the difference		Create a colour scheme/colour	Create a colour	
	between mixing and	between mixing and		wheel to differentiate between	scheme/ colour	
	matching	matching colours		mixing and matching of colours	wheel to	

	 3.3 Define the following: Tint Shade Tones 	Explain the following: Tint Shade Tones		Paint a simple surface by Hands-on exercises to Create a tint, shade and tone	differentiate between mixing and matching of colours Paint a simple surface by Hands- on exercises to Create a tint, shade and tone	
	3.4 Discuss how to match a colour varieties to a surface	Explain how to match a colour varieties to a surface		Carryout exercise to create a matching colours	Carryout exercise to create a matching colours	
	OBJECTIVE 4.0: Know paint t				· - ·	
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
9-11	4.1 Define decorative finishes	Explain decorative finishes	Maker Whiteboard Text books Projector Videos Colour charts	Apply different techniques of decorative finishes to a small portion of wall	Guide students to: Apply different techniques of decorative finishes to a small portion of wall	Sponges Colours Sheets Brushes Paint, Textured brush
	4.2 Discuss the role of decorative finishes in interior decoration	Explain the role of decorative finishes in interior decoration				
	4.3 Describe how different finishes impact aesthetics	Explain how different finishes impact aesthetics		Create the aesthetics of different finishes on a surface	Create the aesthetics of different finishes on a surface	
	4.4 Illustrate traditional and modern decorative techniques	Explain traditional and modern decorative techniques				Mural, Sample decorated finishes

4.5 Discuss different	Explain different	Carryout techniques of	Carryout	
techniques of decorative	techniques of	simple decorative finishes	techniques of	
finishes	decorative finishes		simple decorative	
			finishes	

YEAR 2 TERM 3

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)									
MODULE: SP	ACE MANAGEMENT I		MODULE CODE	: CPD 231	CONTACT HOURS: (48)				
YEAR: 2	TERM: 3	PRE: REQUISITE:		Theoretical: 2Hours					
				Practical: 2 Hours					
GOAL: This me	odule is designed to equip	learners with the	knowledge and	skills to effectively man	nage space through painting,				
decoration and	d finishes, ensuring functiona	l, aesthetic, and w	ell-organized int	eriors					
GENERAL OBJ	ECTIVES:								
On completion	of this module, the leaner s	hould be able to:							
1.0 Understa	nd the fundamentals of basic	space manageme	ent						
2.0 Understa	nd the concept of organizing	and utilizing space	e in interior deco	ration.					
3.0 Understa	nd the Role of Space in Paint	ing and Decoration	า.						
4.0 Understand how balance and proportion affect visual appeal in finishes.									
5.0 Understa	nd the Impact of Colour on S	pace Interpretatio	n and Perceptior).					

CURRICULUM AND MOUDULE SPECIFICATIONS IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

MODULI	E: SPACE MANAGEMENT I			MODULE CODE: CPD 231	CONTACT HOURS: 2 Practical/Wk.	hrs Theory; 2Hr.
YEAR: 2	TERM: 3	PRE: REQUISITE:		Theoretical: 2 Hours	-	
				Practical: 2 Hours		
GOAL: T	e 1	•	•	effectively manage space through pa	inting, decoration and f	finishes, ensuring
		onal, aesthetic, and well-or	rganized interior			
		ical Content			cal Content	
GENERA	LOBJECTIVE 1.0: Understand	the fundamentals of basic	space managem	ent	1	1
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-2	1.1 Describe space management and related practice in arrangement and sorting.	Explain space management and related practice in arrangement and sorting.	Marker Whiteboard Text books Projector Videos	Demonstrate space management	Guide students to: Demonstrate space management	Miniature Furniture
	1.2 List the importance of space management	Explain the importance of space management				
	1.3 State the different types of spaces	Explain the different types of space management.		Identify different types of spaces	Identify different types of spaces	Sample spaces
	1.4 Describe how to organize and use space in terms of furniture and functionality	Explain the ways to organize and use space considering its functions and use		Demonstrate how to organize and use space	Demonstrate how to organize and use space	Sample spaces Miniature Furniture
	1.5 Recognize the impact of poor space management	Explain the impact of poor space management		Demonstrate poor space management and observe its impact	Demonstrate poor space management and observe its impact	Sample spaces Miniature Furniture

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-4	2.1 Describe interior	Explain interior	Maker	Identify the different types of	Guide students to:	
	decoration in space	decoration in space	Whiteboard	spaces in a home or building or	Identify the	
	management	management	Text books	workspace	different types of	
			Projector		spaces in a home	
			Videos		or building or	
					workspace	
	2.2 List out the	Explain the importance				
	importance interior	interior decoration in				
	decoration in managing	managing space				
	space interiors	interiors				
	2.3 List the different types	Explain the different				
	of spaces in a home or	types of spaces in a				
	building or workspace	home or building or				
		workspace				
	2.4 List basic design	Explain basic design				
	principles in space	principles in space				
	interiors	interiors				
	4.4 Describe how	Explain how designers		Demonstrate how designers	Demonstrate how	Sample spaces
	designers use color,	use color, texture, and		use color, texture, and material	designers use	Miniature
	texture, and material	material placement to		placement to create balanced	color, texture,	Furniture
	placement to create	create balanced		finishes.	and material	Paints
	balanced finishes.	finishes.			placement to	etc
					create balanced finishes.	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
5-6	3.1 List the importance of	Explain the importance	Maker			
	space in painting and	of space in painting and	Whiteboard			
	decoration	decoration	Text books			
			Projector			
			Videos			
	3.3 Discuss how space	Explain how space is		Demonstrate how space is used to	Guide students to:	Sample Space
	is used to create	used to create balance,		create balance, depth, and	Demonstrate how space is used to	
	balance, depth, and	depth, and emphasis in		emphasis in artwork.	create balance,	
	emphasis in artwork.	artwork.			depth, and	
					emphasis in artwork.	
	3.4 Describe decorative	Explain decorative		Demonstrate how decorative	Demonstrate how	
	elements interact with	elements interact with		elements interact with space in	Decorative	
	space in design	space in design		design	elements interact with space in	
					design	
GENERA	L OBJECTIVE 4.0: Understand	how balance and proportion	on affect visual a	appeal in finishes.	• – –	
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-9	4.1 Describe balance and	Explain balance and	Maker	Identify balance and proportion in	Guide learners to:	Video clips
	proportion in visual	proportion in visual	Whiteboard	visual design.	Identify balance	
	design.	design.	Text books		and proportion in	
			Projector		visual design.	
			Videos			
	4.2 List the different types	Explain the different				
	of balance	types of balance				
	4.3 State how proportion	Explain how proportion		Demonstrate how proportion	Demonstrate how	
	affects the aesthetics of	affects the aesthetics of		affects the aesthetics of finishes	proportion affects	
	finishes.	finishes			the aesthetics of	
					finishes	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
10-12	5.1 Describe color	Explain color	Maker	Demonstrate color psychology as	Guide learners to:	
	psychology as it affects	psychology as it affects	Whiteboard	it affects mood and perception.	Demonstrate	
	mood and perception.	mood and perception.	Text books		color psychology	
			Projector		as it affects mood	
			Videos		and perception.	
	5.2 State how warm	Explain how warm		Demonstrate how warm colors	Demonstrate how	Sample space
	colors and cool colors	colors and cool colors		and cool colors have effects on	warm colors and	Paints
	have effects on space.	have effects on space.		space.	cool colors have	
					effects on space.	
	5.4 Describe how colors	Explain how colors are		Demonstrate how colors are used	Demonstrate how	
	are used in interior	used in interior design,		in interior design, art, and	colors are used in	
	design, art, and	art, and decoration to		decoration to influence	interior design, art,	
	decoration to influence	influence perception.		perception.	and decoration to	
	perception.				influence	
					perception.	

MODULE:	BASIC TOOLS AND M	ATERIALS FOR POP WORKS	MODULE CODE: CPD 232	CONTACT HOURS: (108)			
YEAR: 2	TERM: 3	PRE: REQUISITE	Theoretical: 3 ⊦	lours			
			Practical: 6 Hot	urs			
GOAL: This	module is designed to	p provide the leaner with know	wledge and skills in basic uses of	tools and materials for POP works.			
GENERAL O	BJECTIVES:						
On complet	ion of this module, th	e leaner should be able to:					
1.0 Unders	tand the Use of Tools	for POP Works					
2.0 Unders	tand the Handling an	d Storage of materials for PO	P works				
3.0 Understand basic measurement of POP work.							
3.0 Unders	4.0 know preparations necessary for POP works to commence						

MODUL	E: BASIC TOOLS AND MATER	IALS FOR POP WORKS		MODULE CODE: CPD 232 CONTACT HOURS: 3hrs Theory; Practical/Wk.		
YEAR: 2	TERM: 3	PRE: REQUISITE:		Theoretical: 3 Hours		
				Practical: 6 Hours		
GOAL: 1	This module is designed to prov	vide the leaner with knowl	edge and skills i	n basic uses of tools and materials for F	OP works.	
	Theoret	ical Content		Practic	al Content	
GENERA	L OBJECTIVE 1.0: Understand	the Use of Tools for POP V	Vorks			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-2	1.1 List the required tools	Explain the required	Maker			
	for use in POP works	tools for use in POP	Whiteboard			
		works.	Text books			
			Projector			
			Videos			
			Pictures			
	1.2 Describe tools	Explain the tools		Identify the required tools for use	Guide the	Plastering
	required for use in POP	required for use in POP		in POP works	learners to:	trowels,
	works.	works.			Identify tools for	scrapers, putty
					use in POP works	knives, sanding
						blocks. Gloves,
						dust masks,
	1.3 Discuss the use of	Evalaia the use of		Demonstrate the use of		goggles
		Explain the use of			Demonstrate the	
	appropriate tools for POP works	appropriate tools for POP works		appropriate tools for POP works	use of appropriate	
	WUIKS	FUF WUIKS			tools for POP	
CENERA		the Liendling and Charry	of motorials for	POD werke	works	
	LOBJECTIVE 2.0: Understand				Taaabara	Learning
Week	Specific Learning	Teachers Activities	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources

3-4	2.1 Discuss POP works materials for handling and storage	Explain POP works materials for handling and storage	Maker Whiteboard Text books Projector Videos Pictures	Identify the POP works materials for handling and storage.	Guide the learners to: Identify the POP works materials in handling and storage.	Airtight plastic or metal containers, Buckets, trowels, spatulas, Gloves, dust masks, goggles, and aprons
	2.2 List the techniques for safe handling and storing POP works materials.	Explain the techniques for safe handling and storing POP works materials.		Demonstrate the techniques for safe handling and storing POP works materials.	Demonstrate the techniques for safe handling and storing POP works materials.	
	2.3 Discuss hazards relating to handling and storing of materials for POP works.	Explain hazards relating to handling and storing of materials for POP works.				

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
5-7	Outcome 3.1 List the required surface areas to be measured and methods of measurements.	Activities Explain the required surface areas to be measured and methods of measurements.	Resources Maker Whiteboard Text books Projector Videos Pictures	Outcome Identify the required surface areas to be measured and methods of measurements.	Activities Guide the learners to: Identify the required surface areas to be measured and methods of measurements.	Resources Sample surfaces
	3.2 State the required basic measurement units and their basic conversions.	Explain the required basic measurement units and their conversions		Identify the required basic measurement units and their conversions	Identify the required basic measurement units and their conversions	
	3.3 Discuss different measurements using measuring tools.	Explain the different measurements with the aid of measuring tools.		Demonstrate different measurements with the aid of measuring tools.	Demonstrate Different Measurements with the aid of measuring tools.	Measuring cups & scoops Buckets & mixing trays Trowels & plastering floats

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning	
	Outcome	Activities	Resources	Outcome	Activities	Resources	
8-10	4.1 State materials and tools in preparation for POP works	Explain materials and tools in preparation for POP works	Maker Whiteboard Text books Projector Videos Pictures	Identify materials and tools in preparation for POP works	Guide learners to: Identify materials and tools in preparation for POP works	fiber mesh Bonding agents chalk Rulers Spirit level Calipers & Vernier scale	
	4.2 List the types of Covers to use in the work environment before POP works.	Explain the list of covers to use in the work environment before POP works		Identify the list of covers to use in the work environment before POP works	Identify the list of covers to use in the work environment before POP works		
	4.3 Discuss steps in preparation for POP works	Explain steps in preparation for POP works		Demonstrate the steps in preparation for POP works	Demonstrate the steps in preparation for POP works		

PROGRAMME	PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)								
MODULE: EF	RECTION AND DISMANTLING	OF ACCESS EQUIPMENT II	MODULE CODE:	CPD 233	CONTACT HOURS: (108)				
YEAR: 2	TERM: 3	PRE: REQUISITE: Theoretical: 3 Hours							
				Practical: 6 Hours					
GOAL: This mo	odule is designed to provide t	he leaner with knowledge and	d skills for erecting	and dismantling scaffol	d/working platforms/ ladders				
at the work pla	ace relevant to painting and	decoration							
GENERAL OBJ	ECTIVES:								
On completior	n of this module, the leaner s	hould be able to:							
1.0 Know acc	ess equipment								
2.0 Know ere	cting/ dismantling of scaffold	l, working platform and ladde	rs at the work pla	ce					
3.0 Understa	3.0 Understand rules and regulations for erecting/ dismantling of scaffold, working platform and ladders at the work place								

MODUL	E: ERECTION AND DISMANTL	ING OF ACCESS EQUIPME	NT II	MODULE CODE: CPD 233	CONTACT HOURS: 3 Practical/Wk.	Bhrs Theory; 6Hr		
YEAR: 2	TERM: 3	PRE: REQUISITE:		Theoretical: 3 Hours				
				Practical: 6 Hours				
GOAL: 1	his module is designed to prov	vide the leaner with knowl	edge and skills f	or erecting and dismantling scaffold/v	vorking platforms/ ladd	ers at the work		
	place r	elevant to painting and de	ecoration					
	Theoret	ical Content		Practi	cal Content			
GENERA	L OBJECTIVE 1.0: Know access	s equipment						
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning		
	Outcome	Activities	Resources	Outcome	Activities	Resources		
1-2	1.1 Define access	Explain access	Maker			Access		
	equipment	equipment	Whiteboard			equipment		
			Text books					
			Projector					
			Videos					
			Pictures					
	1.2 List types of access	Explain types of access		Identify different types of access	Guide students to:			
	equipment	equipment		equipment	Identify different			
					types of access			
					equipment			
	1.2 Explain suitable	Explain suitable access		Demonstrate their usage	Demonstrate their			
	access materials for	materials for different			usage			
	different tasks	tasks						

CURRICULUM AND MOUDULE SPECIFICATIONS IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

Neek	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-5	2.1 Explain the quantity of materials required for erecting a particular scaffold, working platform and ladders at the work place	Explain the quantity of materials required for erecting a particular scaffold, working platform and ladders at the work place	Maker Whiteboard Text books Projector Videos Pictures	Determine the quantity of materials required for erecting a particular scaffold, working platform and ladders at the work place	Guide students to: Determine the quantity of materials required for erecting a particular scaffold, working platform and ladders at the work place	
	2.2 Discuss the appropriate tools and equipment for erecting and dismantling temporary scaffold/ working platform/ ladder at the work place	Explain appropriate tools and equipment for erecting and dismantling temporary scaffold/ working platform/ ladder at the work place		Identify tools and equipment for erecting and dismantling temporary scaffold/ working platform/ ladder at the work place	Identify tools and equipment for erecting and dismantling temporary scaffold/ working platform/ ladder at the work place	
	2.3 List relevant scaffold materials needed at site	Explain relevant scaffold materials needed at site		Identify relevant scaffold materials needed at site	Identify relevant scaffold materials needed at site	
	2.4 Describe assembling of appropriate base	Explain assembling of appropriate base		Demonstrate assembling of appropriate base	Demonstrate assembling of appropriate base	

CURRICULUM AND MOUDULE SPECIFICATIONS IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
6-7	3.1 Discuss standard procedures for erecting/ dismantling of scaffold, working platforms and ladders at the work place	Explain standard procedures for erecting/ dismantling of scaffold, working platforms and ladders at the work place	Maker Whiteboard Text books Projector Videos Pictures	Demonstrate standard procedures for erecting/ dismantling of scaffold, working platforms and ladders at the work place	Guide students to: Demonstrate standard procedures for erecting/ dismantling of scaffold, working platforms and ladders at the work place	Timber, bamboo, steel pipes, nails, bolts and nut, clamps, planks, steel scaffold boards hammer, screw drivers, spanners, pick axe
	3.2 Discuss required safety gadgets and follow trade safety during erecting/ dismantling of scaffold, working platforms and ladders at the work	Explain required safety gadgets and follow trade safety during erecting/ dismantling of scaffold, working platforms and ladders at the work		Demonstrate the use of required safety gadgets and follow trade safety during erecting/ dismantling of scaffold, working platforms and ladders at the work	Demonstrate the use of required safety gadgets and follow trade safety during erecting/ dismantling of scaffold, working platforms and ladders at the work	PPE Nets Safety Belt
	3.3 Discuss the associated hazards and risks in the erection of dismantling of scaffolding.	Explain associated hazards and risks in the erection of dismantling of scaffolding.		Identify associated hazards and risks in the erection of dismantling of scaffolding.	Identify associated hazards and risks in the erection of dismantling of scaffolding.	
	3.4 Explain organizational procedures to select and use resources	Explain organizational procedures to select and use resources				

3.5 Explain safe working on platforms, ladders and scaffolds	Explain safe working on platforms, ladders and scaffolds	Demonstrate safe working on platforms, ladders and scaffolds	Demonstrate safe working on platforms, ladders and scaffolds	
3.6 List standard	Explain standard			
procedures	procedures			

YEAR 3 TERM 1

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)									
MODULE: SUI	RFACE PREPARATION TECHN	IQUES	MODULE CODE	: CPD 311	CONTACT HOURS: 108				
YEAR: 3	TERM: 1	PRE: REQUISITE:	:	Theoretical: 3 Hours					
				Practical: 6 Hours					
GOAL: This mo	dule is designed to provide t	he trainee with kr	nowledge and ski	Ils in preparing basic sur	faces for painting, decorating				
and finishes									
GENERAL OBJE	CTIVES:								
On completion	of this module, the leaner sh	nould be able to:							
1.0 Know prep	aration of tools, equipment	and materials for	basic surface wo	rks					
2.0 Understan	d different types of surfaces								
3.0 know Surfa	ace Cleaning & Contaminant	Removal							
4.0 know Surfa	ace Repairs, Patching/filling,	Sanding & Smootl	ning Techniques						
5.0 know Prim	5.0 know Priming & Sealing Surfaces								
6.0 know Masking, Taping & Protective Covering									

MODULI	E: SURFACE PREPARATION T	ECHNIQUES		MODULE CODE: CPD 311	CONTACT HOURS: 3hrs Theory; 6H Practical/Wk.		
YEAR: 3	TERM: 1	PRE: REQUISITE:		Theoretical: 3 Hours			
				Practical: 6 Hours			
GOAL: T	his module is designed to prov	ide the trainee with knowl	edge and skills i	n preparing basic surfaces for painting,	decorating and finishe	es	
	Theoret	ical Content		Practic	al Content		
GENERA	L OBJECTIVE 1.0: Know prepa	ration of tools, equipment	t and materials	for basic surface works			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning	
	Outcome	Activities	Resources	Outcome	Activities	Resources	
1-2	1.1 Describe relevant tools	Explain relevant tools	Maker	Demonstrate tools for the	Guide students to:	Relevant Tools	
	for the preparation of	for the preparation of	Whiteboard	preparation of basic surfaces for	Demonstrate tools	eg scrapper,	
	basic surfaces for painting	basic surfaces for	Text books	painting decorative works	for the preparation	sand papers,	
	and decorative works	painting and decorative	Projector		of basic surfaces for	abrasive, wire	
		works			painting decorative	brush	
					works		
	1.2 Discuss materials for	Explain materials for the		Demonstrate relevant materials for	Demonstrate	Sealants, putty	
	the preparation of basic	preparation of basic		preparation of basic surfaces in	relevant materials	fillers	
	surfaces for painting	surfaces for painting		painting work	for preparation of		
	decorative works	decorative works			basic surfaces in		
					painting work		
	1.3 Explain equipment that	Explain equipment that		Demonstrate equipment for	Demonstrate	Drilling	
	are relevant to surface	are relevant to surface		surface preparation	equipment for	machine	
	preparation	preparation			surface preparation		
	1.4 Discuss types of	Explain different types		Demonstrate techniques for basic	Demonstrate		
	technique for surface	of technique for surface		surface preparation in painting	techniques for		
	preparation	preparation		work	basic surface		
					preparation in		
					painting work		

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-4	2.1 Define basic surfaces	Explain basic surfaces	Maker		Guide students to:	Sample basic
			Whiteboard			surfaces
			Textbooks			
			Projector			
	2.2 Discuss types of	Explain types of surfaces		Examine basic surfaces	Examine basic	
	surfaces				surfaces	
	2.3 Discuss preparation of	Explain preparation of		Carryout preparation of wooden	Carryout	
	wooden surfaces with	wooden surfaces		surfaces for vanish, polish and	preparation of	
	relevant ingredients			other related paint materials	wooden surfaces	
					for vanish, polish	
					and other related	
					paint materials	
	2.4 Discuss preparation of	Explain preparation of		Carryout preparation of metal	Carryout	
	metal surfaces with	metal surfaces		surfaces	preparation of	
	relevant ingredients				metal surfaces	
	2.5 Discuss preparation of	Explain preparation of		Carryout preparation of wall	Carryout	
	wall surfaces	wall surfaces		surfaces	preparation of wall	
					surfaces	
ENERA	L OBJECTIVE 3.0: Know Surfac	e Cleaning & Contaminant	Removal			
Neek	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
5-6	3.1 Discuss surface	Explain surface	Maker	Identify types of surface	Guide student to:	Old paint
	contaminant	contaminant	Whiteboard	contaminant	Identify types of	surface
			Text books		surface	Chemical
			Projector		contaminant	Cleaners
	3.2 Discuss Cleaning	Explain Cleaning		Carryout cleaning of surfaces	Carryout cleaning	
	methods	methods			of surfaces	

	3.3 Discuss procedure for	Explain procedure for		Test different cleaning agents on	Test different	
	handling chemicals	handling chemical		various materials	cleaning agents on	
					various materials	
	LOBJECTIVE 4.0: Know Surface			· ·		
7-8	4.1 Discuss defects on	Explain defects on	Maker	Identify various surface defects	Guide students to:	Sample
	surfaces	surface	Whiteboard		Identify various	defected
			Text books		surface defects	surface
			Projector			Fillers,
						Putty,
						Join compound,
						Abrasives
	4.2 List Patching and filling	Explain Patching and		Identify Patching and filling	Identify Patching	
	materials	filling materials		materials	and filling materials	
	4.3 Discuss Sanding	Explain Discuss Sanding		Demonstrate Sanding techniques	Demonstrate	
	techniques	techniques			Sanding techniques	
	4.4 Discuss how to Achieve	4.4 Discuss how to		Demonstrate how to Achieve	Demonstrate how	
	smoothness for surface	Achieve smoothness for		smoothness for surface	to Achieve	
		surface			smoothness for	
					surface	
GENERAI	DBJECTIVE 5.0: Know Primin	g & Sealing Surfaces				
9-10	5.1 Discuss primers and	Explain primers and	Maker	Identify various types of primers	Guide students to:	Brush
	sealants	sealants	Whiteboard	and sealants	Identify various	Spray
			Text books		types of primers	Trowel
			Projector		and sealants	
	5.2 Discuss the importance	Explain the importance				
	of primers and sealants	of primers and sealants				
\	5.3 Discuss the application	Explain the application		Perform the application of prime	Perform the	
	of prime coat by brush or	of prime coat by brush		coat by brush or spray as	application of prime	
	spray as applicable	or spray as applicable		applicable	coat by brush or	
					spray as applicable	

GENERA	L OBJECTIVE 6.0: Know Maski	ng, Taping & Protective Cov	vering			
11-12	5.1 Discuss Masking, Taping & Protective Covering	Explain Masking, Taping & Protective Covering	Maker Whiteboard Text books Projector	Identify tools and materials for masking, Taping & Protective Covering	Guide students to: Identify tools and materials for masking, Taping & Protective Covering	Masking tape Protective covers
	5.2 Discuss the importance of Masking, Taping & Protective Covering	Explain the importance of Masking, Taping & Protective Covering				
	5.3 Discuss the techniques for Masking, Taping & Protective Covering	Explain the techniques for Masking, Taping & Protective Covering		Demonstrate the techniques for Masking, Taping & Protective Covering	Demonstrate the techniques for Masking, Taping & Protective Covering	

MODULE: SPACE MANAGEMENT II			MODULE CODE: CPD 312	CONTACT HOURS: (72)			
YEAR: 3	AR: 3 TERM: 1 PRE: REQUISITE:		Theoretical: 2 Hours	S			
			Practical: 4 Hours				
GOAL: This r	nodule is designed to	provide the trainee with ad	quate knowledge and skills to be pro	oficient in space management			
GENERAL OF	JECTIVES:						
On completi	on of this module, th	e leaner should be able to:					
1.0 Underst	and objectives of spa	ice management					
2.0 Understa	nd Space design mar	nagement					
3.0 Understa	nd types of space						
4.0 Understa	nd components and	fundamentals of space of m	nagement				
5.0 Understand measurements, alignment and smoothness							

MODUL	E: SPACE MANAGEMENT II			MODULE CODE: CPD 312	CONTACT HOURS: 2 Practical/Wk.	2hrs Theory; 4Hr.
YEAR: 3	TERM: 1	PRE: REQUISITE:		Theoretical: 2 Hours		
				Practical: 4 Hours		
GOAL:	This module is designed to pro	vide the trainee with adeq	uate knowledge	and skills to be proficient in space ma	nagement	
	Theoret	ical Content		Practic	al Content	
GENERA	LOBJECTIVE 1.0: Understand	l objectives of space managed	gement			
Week			Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-2	1.1 Explain how to	Explain how to	Maker	Demonstrate how to maximize	Guide leaners to:	
	maximize space	maximize space	Whiteboard	space	Demonstrate how	Video
			Text books		to maximize space	
			Projector			Space models
			Videos			
			Space models			
	1.2 Explain how to	Explain how to optimize		Optimize space for required usage	Optimize space for	
	optimize space for	space for required			required usage	
	required usage	usage				
	1.3 Discuss the collection	Explain the collection		Demonstrate the collection and	Demonstrate the	
	and evaluation of space	and evaluation of space		evaluation of space management	collection and	
	management data	management data		data	evaluation of space	
					management data	
GENERA	LOBJECTIVE 2.0: Understand	Space design management	- -		•	
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-4	2.1 Discuss space to meet	Explain space to meet	Maker	Demonstrate how spaces meet	Guide leaners to:	Sample spaces
	functionality, efficiency,	functionality, efficiency,	Whiteboard	functionality, efficiency, aesthetics	Demonstrate how	Miniature
	aesthetics and	aesthetics and	Text books	and sustainability.	spaces meet	furniture
	sustainability.	sustainability.	Projector		functionality,	
			Videos		efficiency,	
			Space models		aesthetics and	
					sustainability.	

	2.2 State the required consideration for space design	Explain the required consideration for space design				
	2.3 list materials for different spaces for painting, decoration and finishes (interior design)	Explain materials for different spaces for painting, decoration and finishes (interior design)		Identify materials for different spaces for painting, decoration and finishes (interior design)	Identify materials for different spaces for painting, decoration and finishes (interior design)	
	L OBJECTIVE 3.0: Understand	· · · ·				
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
5-6	3.1 Discuss types of space	Explain types of space	Maker Whiteboard Text books Projector Videos			
	3.2 List materials for different spaces for painting, decoration and finishes (interior design)	Explain materials for different spaces for painting, decoration and finishes (interior design)		Identify materials for different spaces for painting, decoration and finishes (interior design)	Identify materials for different spaces for painting, decoration and finishes (interior design)	Sample space Decorative materials
	3.3 Explain the required material handling procedure for the different spaces	Explain the required material handling procedure for the different spaces		Demonstrate the required material handling procedure for the different spaces	Demonstrate the required material handling procedure for the different spaces	Sample space Decorative materials

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-8	4.1 List the components of space management	Explain the components of space management	Maker Whiteboard Text books	Identify components of space management	Guide students to: Identify components of	
			Projector Videos		space management	
	4.2 Discuss the fundamentals of space management	Explain the fundamentals of space management				
	4.3 Discuss the principles	Explain the principles of				
GENERA	of space management L OBJECTIVE 5.0: Understand	space management	t and smoothne			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
9-11	5.1 Explain measurement types for spaces	Explain measurement types for spaces	Maker Whiteboard Text books Projector Videos	Carry out measurement for different types of spaces	Guide students to: Carry out measurement for different types of spaces	Measuring tools
	5.2 Explain alignment of spaces	Explain alignment of spaces		Carry out alignment of spaces by the use of required tools	Carry out alignment of spaces by the use of required tools	Plumb bob tools Lasers
	5.3 Explain smoothness of space	Explain smoothness of space		Carry out smoothness of spaces	Carry out smoothness of spaces	

YEAR 3 TERM 2

PROGRAMME:	NATIONAL TECHNICAL C	ERTIFICATE IN PAI	NTING, DECORAT	FION AND FINISHES (INT	ERIOR DESIGN)				
MODULE:	WALL FINISHING AN	D DECORATING	MODULE CODE	: CPD 321	CONTACT HOURS: 108				
TECHNIQUES I	N PAINTING AND DECORATION	ON							
YEAR: 3	TERM: 2	PRE: REQUISITE	:	Theoretical: 3 Hours					
				Practical: 6 Hours					
GOAL: This mo	dule is designed to provide t	he trainee with ad	equate knowledg	e and skills in wall finishi	ng and decorating techniques				
GENERAL OBJE	CTIVES:								
On completion	of this module, the leaner s	hould be able to:							
1.0 Under	stand types of walls finishes								
2.0 Know Dec	oration techniques								
3.0 Know Mat	erials, tools and equipment	for finishes							
4.0 Know Type	es of Decoration								
5.0 Know Mat	erials and tools for decoration	on							
6.0 Know Surf	6.0 Know Surface preparation for wall finish and decorative finish								
7.0 Know Wal	7.0 Know Wallpaper decoration								

MODUL DECORA		CORATING TECHNIQUES IN	N PAINTING AND	MODULE CODE: CPD 321	CONTACT HOURS: 3 Practical/Wk.	Bhrs Theory; 6Hr
YEAR: 3	TERM: 2	PRE: REQUISITE:		Theoretical: 3 Hours Practical: 6 Hours		
GOAL:	This module is designed to pro	ovide the trainee with adec	quate knowledge	and skills in wall finishing and decora	ting techniques	
		ical Content		Practic	al Content	
GENERA	LOBJECTIVE 1.0: Understand	types of walls finishes	•			
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
1	1.1 List types of walls finishes	Explain types of walls finishes e	Maker Whiteboard Text books Projector Videos	Identify types of walls finishes	Guide students to: Identify types of walls finishes	Video clips Pictures Material samples
	1.2 Discuss material handling of wall finishes	Explain material handling of wall finishes		Demonstrate material handling of wall finishes	Demonstrate material handling of wall finishes	
	1.3 State safety concerns for wall finish installation	Explain safety precautions for wall finish installation		Carry out safety precaution for wall finish installation	Carry out safety precaution for wall finish installation	
	1.4 Explain the purpose of wall finishing	Explain the purpose of wall finishing				

GENERA	LOBJECTIVE 2.0: Know Deco	oration techniques				
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
2	2.1 Discuss decoration	Explain decoration	Maker	Carry out surface preparation for	Guide students to:	Video clips
	techniques	techniques	Whiteboard	decorative materials	Carry out surface	Charts
			Text books		preparation for	Sample of
			Projector		decorative	surfaces
			Videos		materials	
	2.2 Explain wall finishing	Explain wall finishing		Carryout wall finishing decorative	Carryout wall	
	decorative materials	decorative materials		work	finishing decorative	
					work	
	2.3 list patterns for	Explain patterns for		Match patterns for decorative	Match patterns for	
	decorative works	decorative works		works	decorative works	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-4	3.1 List materials for	Explain materials for	Maker	Carryout simple finishing on wall	Guide students to:	Material
	finishes	finishes	Whiteboard	with materials	Carryout simple	sample
			Text books		finishing on wall	Tools sample
			Projector		with materials	Equipment
			Videos			sample
	3.2 State tools for finishes	Explain tools for finishes		Demonstrate the use of tools for	Demonstrate the	
				simple wall finishing	use of tools for wall	
					finishing	
	3.3 List equipment for	Explain equipment for		Demonstrate the use of equipment	Demonstrate the	
	finishes	finishes		for simple wall finishing	use of equipment	
					for simple wall	
					finishing	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
5-6	Outcome	Activities	Resources	Outcome	Activities	Resources
	4.1 List types of decorations	Explain types of decorations	Maker Whiteboard Text books Projector Videos	Identify types of decoration	Guide students to: Identify types of decoration	Videos Pictures Samples Measuring tapes Scrappers Rollers
	4.2 list functions of the different types of decoration	Explain the functions of the different types of decoration				
	4.3 Explain installation procedures for different types of decoration	Explain installation procedures for the different types		Install decorations on surfaces	Install decorations on surfaces	
GENERA	L OBJECTIVE 5.0: Know Mat	erials and tools for decoration	on			
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
7-8	3.1 List materials for decoration	Explain materials for decoration	Maker Whiteboard Text books Projector Videos	Carryout simple decoration on wall with materials	Guide students to: Carryout simple decoration on wall with materials	Rollers Brushes Scrappers knives
	3.2 State tools for decoration	Explain tools for decoration		Demonstrate the use of tools for simple wall decoration	Demonstrate the use of tools for wall decoration	
	3.3 List equipment for decoration	Explain equipment for decoration		Demonstrate the use of equipment for simple wall decoration	Demonstrate the use of equipment for simple wall	

Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome		Teachers Activities	Learning Resources
9-10	6.1 Explain surface preparation for wall finish and decoration	Explain surface preparation for wall finish and decoration	Maker Whiteboard Text books Projector Videos			Guide students to:	Rollers Brushes Scrappers knives
	6.2 Describe surfacepreparation for wall finishand decoration6.3 Enumerate steps to	Explain surface preparation for wall finish and decoration Explain steps to surface		Prepare surface for v	vall finishing	Prepare surface fo wall finishing	r
GENERA	surface preparation L OBJECTIVE 7.0: Know Wallpa	preparation aper decoration					
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities		earning Resources
11-12	7.1 Define wallpaper and its importance in interior design		Maker Whiteboard Textbooks Projector Videos		Guide stud	F F T T S S S F F F C S S	rinyle abrics oil mbossed extured Aural ceel-and-stick D wallpaper sample crapers langer ealers iller cutty cutters cissors apes

				Plumb Foam Pen and straightedge Seam roller Cleaning solution
7.2 State types of wallpaper	Explain types of wallpaper	Identify different types of wallpaper and their uses	Identify different types of wallpaper and their uses	
7.3 State tools and materials for wallpapering	Explain tools and materials for wallpapering	Demonstrate wallpapering tools/materials Practice the correct use of adhesives for different wallpaper	Demonstrate wallpapering tools/materials Practice the correct use of adhesives for different wallpaper	
7.4 Discuss surface preparation in wallpapering	Explain surface preparation in wallpapering	Demonstrate removal of old paints/wallpapers Identify and fixing wall defects Priming and sealing of surfaces	Demonstrate removal of old paints/wallpapers Identify and fixing wall defects Priming and sealing of surfaces	
7.5 Discuss techniques in measuring and cutting of wallpaper	Explain techniques in measuring and cutting of wallpaper	Carry out hands-on calculating of wallpaper Demonstrate cutting wallpaper and measuring surfaces	Carry out hands-on calculating of wallpaper Demonstrate cutting wallpaper and measuring surfaces	

7.6 Discuss techniques for installation of wallpaper	Explain techniques for the installation of		oply wallpaper using fferent techniques	Apply wallpaper using different techniques and	
	wallpaper	and	nd ensuring bubble-	ensuring bubble-free and smooth	
7.7 Discuss removal techniques, cleaning, and maintaining wallpapered surfaces	Explain removal techniques, cleaning, and maintaining of wallpapered surfaces	Car ma wa De of v ste	arryout cleaning and aintaining allpaper emonstrate removal wallpaper using eamers and livents	Carryout cleaning and maintaining wallpaper Demonstrate removal of wallpaper using steamers and solvents	

MODULE:	PAINTING TECHNIQUES	AND METHODS	MODULE CODE: CPD 322	CONTACT HOURS: 96					
YEAR: 3	TERM: 2	PRE: REQUISIT	TE: Theoretical: 2 Practical: 6						
GOAL: The	goal of this module is to	o equip learners with th	e knowledge and skill of painting	techniques and methods					
GENERAL O	BJECTIVES:								
On complet	ion of this module, the l	eaner should be able to	:						
1.0	Understand painting te	chniques							
2.0	Know Preparation, app	ication, finishing, and s	pecialized techniques						
3.0	Understand painting m	ethods	•						
4.0 Know safe work procedures for painting techniques and methods									
4.0	5.0 Know work platforms for painting techniques and method								

PROGRA	MME: NATIONAL TECHNICA	L CERTIFICATE IN PAINTIN	G, DECORATIO	N AND FINISHES (INTERIOR DESIGN)			
MODULI	E: PAINTING TECHNIQUES A	ND METHODS		MODULE CODE: CPD 322	CONTACT HOURS: 2hrs Theory; 6H Practical/Wk.		
YEAR: 3	TERM: 2	PRE: REQUISITE:		Theoretical: 2 Hours Practical: 6 Hours			
GOAL:	The goal of this module is to e	quip learners with the kno	wledge and skill	of painting techniques and methods			
	Theore	tical Content		Practic	al Content		
GENERA	L OBJECTIVE 1.0: Understand	d painting techniques				-	
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources	
1-2	1.1 List painting techniques	Explain painting techniques	Video clips Pictures	Carry out painting techniques	Guide leaners to: Carry out painting techniques	Brushes Rollers Paint boards	
	1.2 State the required technique for different surfaces	Explain the required technique for different surfaces		Select the required technique for different surfaces	Select the required technique for different surfaces		
	1.3 List characteristics of painting techniques	Explain characteristics of painting techniques					
	L OBJECTIVE 2.0: Know prep				1	1	
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources	
3-4	2.1. List preparation techniques	Explain preparation techniques	Video clips slides	Carry out preparation techniques	Guide leaners to: Carry out Preparation Techniques	Tools Equipment	
	2.3 Describe surfaces for application technique	Explain surfaces for application technique		Carry out application technique on surface.	Carry out application		

					technique on surface.	
	2.3 Explain surfaces for finishing technique	Explain surfaces for finishing technique		Identify surfaces for finishing technique	Identify surfaces for finishing technique	
	2.4 Explain surfaces for specialized technique	Explain surfaces for specialized technique		Identify surfaces for specialized technique	Identify surfaces for specialized technique	
GENERA	L OBJECTIVE 3.0: Understand	d painting methods				
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
5-6	3.1 List painting methods	Explain painting methods	Videos slides	Carry out painting with various methods	Explain painting with various methods	Paint Sample surface Painting Tools
	3.2 List the required method for different surfaces	Explain the required technique for different surfaces				
	3.3 List characteristics of painting methods	Explain characteristics of painting techniques				
GENERA	L OBJECTIVE 4.0 Know safe we	ork procedures for painting	g techniques an	d methods		
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
7-8	4.1 Describe safe work procedures for painting methods and techniques	Explain safe work procedures for painting methods and techniques	Video clips Pictures	Carry out safe work procedures for painting methods and techniques	Guide leaners to: Carry out safe work procedures for painting methods and techniques	
	4.2 Describe organizational safety procedures for painting methods and techniques					

GENIEDA	4.3 Describe how to minimize safety issues	platforms for pointing tash	niques and met	had		
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
9-10	5.1 List work platforms for painting techniques and methods	Explain work platforms for painting techniques and methods	Video clips Pictures	Identify work platforms for painting techniques and methods	Guide leaners to: Identify work platforms for painting techniques and methods	PPE Scaffolds Platforms ladders
	5.2 Discuss different types of work platforms	Explain different types of work platforms		Identify and select different types of work platforms	Identify and select different types of work platforms	
	5.3 Discuss material and tools used in erection of different work platforms	Explain material and tools used in erection of different work platforms		Identify and select material and tools for work platforms	Identify and select material and tools for work platforms	

YEAR 3 TERM 3

PROGRAMME	PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)							
MODULE: A	PPLICATION AND INSTAL	LATION OF BUILDING	MODULE CODE	:: CPD 331	CONTACT HOURS: 120			
MATERIALS								
YEAR: 3	TERM: 3	PRE: REQUISITE		Theoretical: 4 Hours				
				Practical: 6 Hours				
GOAL: The go	al of this module is to e	quip learners with bas	sic knowledge an	nd skills in the application	n and installation of building			
materials, ens	uring the learners unders	stand proper technique	es, tools, and safe	ety measures for effectiv	e construction			
GENERAL OBJ	ECTIVES:							
On completion	n of this module, the lear	ner should be able to:						
1.0 Understar	nd different materials to l	be used in building inte	erior finishes					
2.0 Understar	nd simple tools used in ap	oplying and installing m	naterials in interio	or finishes.				
3.0 Understar	nd basic safety rules whe	n handling and installir	ng materials in int	terior finishes.				
4.0 Know simple hands-on activities in the use of basic tools under supervision in interior finishes.								
5.0 Understa	5.0 Understand eco-friendly building materials practices in interior finishes							

CURRICULUM AND MOUDULE SPECIFICATIONS IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

MODUL	E: APPLICATION AND INSTA	LLATION OF BUILDING MA	ATERIALS	MODULE CODE: CPD 331	CONTACT HOURS: 4 Practical/Wk.	hrs Theory; 6Hr.
YEAR: 3	TERM: 3	PRE: REQUISITE:		Theoretical: 4 Hours		
				Practical: 6 Hours		
GOAL: T	he goal of this module is to ec	uip learners with basic kno	owledge and skills	in the application and installation of	building materials,	
ensuring	g the learners understand prop	per techniques, tools, and	safety measures fo	or effective construction		
	Theore	tical Content		Practi	cal Content	
GENERA	LOBJECTIVE 1.0: Understand	different materials to be	used in building in	terior finishes		
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
1-3	1.1 Describe materials used for interior finishes.	Explain materials used for interior finishes.	White board & Marker Textbooks & Manuals Glossaries & Industry Guides Visual Aids Workplace Documents	Display real samples of materials based on texture, durability, and aesthetic appeal.	Guide students to: Display real samples of materials based on texture, durability, and aesthetic appeal.	Videos clips Case studies Samples of interior finishing materials Testing tools Basic installation tools
	 1.2 Explain different materials based on the following: Durability, Aesthetic appeal, Maintenance, Suitability for specific spaces. 	Explain different materials based on the following: • Durability, • Aesthetic appeal, • Maintenance,		Demonstrate simple tests (e.g., water resistance, stain resistance, and adhesion) to determine material effectiveness.	Demonstrate simple tests (e.g., water resistance, stain resistance, and adhesion) to determine material effectiveness.	

General	1.3 Describe factors affecting the Selection of Interior Finishes Objective 2.0: Understand sin	the Selection of Interior Finishes	and installing m	aterials in interior finishes		
Week	Specific Learning Outcome	Teachers Activities	Learning Resources	Specific Learning Outcome	Teachers Activities	Learning Resources
4-5	2.1 List Basic Tools Used in Interior Finishing	Explain Basic Tools Used in Interior Finishing	White board & Marker Textbooks & Manuals Glossaries & Industry Guides Visual Aids Workplace Documents	Identify Simple Tools used in Interior Finishing	Guide students to: Identify Simple Tools used in Interior Finishing.	ResourcesTrowelBrushesMasking tapeClipVideos clipsSafety manualstoolsWorkstationswith samplematerialsPersonalProtectiveEquipment (PPE)
	2.2 Describe the purpose of each tool in applying and installing materials	Explain the purpose of each tool in applying and installing materials				
	2.3 Explain Safety Measures When Using Tools	Explain Safety Measures When Using Tools		Demonstrate simple Safety Guidelines while Using Tools	Demonstrate simple Safety Guidelines while Using Tools	

Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
6-7	3.1 Explain Common	Explain Common	White board	Demonstrate proper use of	Demonstrate	Personal
	Hazards in Interior	Hazards in Interior	& Marker	Personal Protective Equipment	proper use of	Protective
	Finishing Work	Finishing Work	Textbooks &	(PPE)	Personal Protective	Equipment
			Manuals		Equipment (PPE)	(PPE)
			Glossaries &			Safety posters
			Industry			and manuals
			Guides			First aid kits
			Visual Aids			Tools and
			Workplace			materials
			Documents			Videos clips
	3.2 Explain essential	Explain essential Safety		Use tools and adhesives correctly,	Use tools and	
	Safety Rules and	Rules and Precautions		minimizing the risk of injury.	adhesives	
	Precautions in the	in the handling of			correctly,	
	handling of materials and	materials and			minimizing the risk	
	maintaining a clean space	maintaining a clean			of injury.	
		space				
	3.3 Explain emergency	Explain emergency		Identify emergency exits, and	Identify emergency	
	procedures in the	procedures in the		follow safe evacuation protocols	exits, and follow	
	Workplace and quick	Workplace and quick			safe evacuation	
	actions to take.	actions to take.			protocols	
				under supervision in interior finishes.	I	I
Neek	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
3-10	4.1 Identify Common	Explain the basic tools	White board	Use tools like trowels, rollers, and	Demonstrate	Tools and
	Basic Tools Used in	used in interior finishes.	& Marker	hammers correctly while following	Proper Tool	materials
	Interior Finishes		Textbooks &	instructions.	Handling Under	Videos clips
			Manuals		Supervision	
			Glossaries &			
			Industry			
			Guides			

	4.2 Describe how safely and effectively tools can be used for tasks, and installing decorative finishes.	Explain the effective Handling and Use of each tool	Visual Aids Workplace Documents	Carry out basic tasks such as painting a sample board, applying putty, or measuring and cutting wallpaper, using tools safely and effectively	Carryout basic tasks such as painting a sample board, applying putty, or measuring and cutting wallpaper, using	
					tools safely and effectively	
	4.3 Describe the Importance of Supervision in Hands-On Activities	Discuss necessary learning tool usage, avoiding mistakes, and ensuring safety in interior finishing projects.				
GENERAL	OBJECTIVE 5.0: Understand		erial practices in	interior finishes		
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
11-12	Outcome 5.1 List different Materials Used in Interior Finishing	Activities Explain different materials used in interior finishing	Resources White board & Marker Textbooks & Manuals Glossaries & Industry Guides Visual Aids Workplace Documents	Outcome Classify Interior Finishing Materials Based on Their Application	Activities Guide students to: Classify Interior Finishing Materials Based on Their Application	Resources Tools and materials Videos clips
	5.2 Explain the Properties and uses of Interior Finishing Materials	Explain the Properties and uses of Interior Finishing Materials		Test the Quality of Different Interior Finishing Materials	Test the Quality of Different Interior Finishing Materials	
	5.3 Discuss eco-friendly and low-VOC (Volatile	Discuss eco-friendly and low-VOC (Volatile		Identify eco-friendly and low-VOC (Volatile Organic Compounds)	Identify eco- friendly and low-	

Organic Compounds) materials and their importance in creating a safe indoor environment.	Organic Compounds) materials and their importance in creating a safe indoor environment.	materials and their importance in creating a safe indoor environment	VOC (Volatile Organic Compounds) materials and their importance in creating a safe indoor environment	
5.4 Explain the Selection Criteria for Interior Finishing Materials	Explain the Selection Criteria for Interior Finishing Materials	Select Appropriate Materials for a Given Interior Space	Select Appropriate Materials for a Given Interior Space	

PROGRAMME	PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)							
MODULE: SUF	RFACE FINISHING		MODULE CODE	: CPD 332	CONTACT HOURS: 120			
YEAR: 3	TERM: 3	PRE: REQUISITE:		Theoretical: 4 Hours				
				Practical: 6 Hours				
GOAL: This mo	dule is designed to provide t	the learner with kr	nowledge and sk	ills in application of diffe	rent types of surface finishes			
relevant to pai	nting occupation in the const	truction industry.						
GENERAL OBJE	ECTIVES:							
On completion	of this module, the leaner sl	hould be able to:						
1.0 Know diffe	1.0 Know different types of paint as per required surface							
2.0 Know factors that influence choice of finishes								
3.0 Know finisł	ning and final details operation	ons.						

MODUL	IODULE: SURFACE FINISHING			MODULE CODE: CPD 332	CONTACT HOURS: 4hrs Theory; 6H Practical/Wk.			
YEAR: 3	TERM: 3	PRE: REQUISITE:		Theoretical: 4 Hours				
				Practical: 6 Hours				
GOAL: T	his module is designed to prov	ide the learner with know	ledge and skills i	n application of different types of surfa	ace finishes relevant to)		
painting	occupation in the construction							
		ical Content		Practic	al Content			
GENERA	LOBJECTIVE 1.0: Know differ		equired surface		1	1		
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning		
	Outcome	Activities	Resources	Outcome	Activities	Resources		
1-3	1.1 Explain use and handle of all relevant painting tools and equipment	Explain use and handle of all relevant painting tools and equipment	White board & Marker Textbooks & Manuals	Use all required painting tools and equipment	Guide students to: Use all required painting tools and equipment	Paint Brushes Rollers Painting equipment		
	1.2 List types of paint	Explain types of paint		Identify types of paint	Identify types of paint			
	 1.3 Explain the following: Mixing Pouring Diluting In paint application. 	Explain the following: Mixing Pouring Diluting In paint application.		Carryout Mixing, Pouring and Diluting in paint application	Carryout Mixing, Pouring and Diluting in paint application			
	1.4 Discuss application of paints using brush and roller	Explain application of paints using brush and roller		Demonstrate application of paints using brush and roller	Demonstrate application of paints using brush and roller			
	1.5 Explain the application of coatings to internal and	Explain the application of coatings to internal		Demonstrate application of coatings to internal and external	Demonstrate application of			

	external surfaces suiting	and external surfaces		surfaces suiting industrial	coatings to internal	
	industrial situations	suiting industrial		situations	and external	
		situations			surfaces suiting	
					industrial situations	
	1.6 Explain the application	Explain the application		Demonstrate application of	Demonstrate	
	of coatings to internal and	of coatings to internal		coatings to internal and external	application of	
	external surfaces suiting	and external surfaces		surfaces suiting residential and any	coatings to internal	
	residential and any other	suiting residential and		other situation	and external	
	situation	any other situation			surfaces suiting	
					residential and any	
					other situation	
	L OBJECTIVE 2.0: Know factor				1	
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
4-5	2.1 Outline	Explain factors that		Demonstrate how environmental	Demonstrate how	Scrappers
	factors that	influence choice of		factors affect choice of paint	environmental	Hacking knives
	influence choice of	finishes			factors affect	Wire brushes
	finishes				choice of paint	Primer
						Paint
	2.2 Explain types of	Explain types of finishes		Identify various types of finishes	Identify various	
	finishes				types of finishes	
GENERA	L OBJECTIVE 3.0: Know finish		tions.			1
Week	Specific Learning	Teachers	Learning	Specific Learning	Teachers	Learning
	Outcome	Activities	Resources	Outcome	Activities	Resources
6-8	3.1 List different types of	Explain different types		Identify different types of finishes	Guide leaners to:	Finishes
	finishes to different types	of finishes to different		to different types of surfaces	Identify different	
	of surfaces	types of surfaces	Textbooks &		types of finishes to	
			Manuals		different types of	
					surfaces	
	3.2 Explain methods of	Explain methods of		Demonstrate methods of	Demonstrate	
	application of different	application of different		application of different finishes to	methods of	
				different surfaces	application of	

finishes to different	finishes to different		different finishes to	
surfaces	surfaces		different surfaces	
3.3 Describe application	Explain application	Demonstrate methods and	Demonstrate	
methods and equipment	methods and	equipment used in relation to the	methods and	
used in relation to the type	equipment used in	type of finishes	equipment used in	
of finishes	relation to the type of		relation to the type	
	finishes		of finishes	
3.4 Explain correct	Explain correct	Use correct sequence and	Use correct	
sequence and	sequence and	methodology for application	sequence and	
methodology for	methodology for	finishes	methodology for	
application of finishes	application of finishes		application finishes	

PRACTICAL MANUAL FOR NTC PAINTING, DECORATION AND FINISHES (INTERIOR DESIGN)

S/N	MODULE TITLE/ CODE	PRACTICAL CONTENT
1.	Introduction to	Identify the building materials in interior design
	building materials	Select the building materials used in interiors
	(CPD 111)	Demonstrate how materials affect comfort, design, and functionality in a space
		Identify natural materials and man-made materials
		Identify how certain materials are chosen for specific uses in building interiors
		Demonstrate how specific materials are chosen for different purposes
		Identify what safety measures are in handling building materials
		Identify potential hazards associated with different materials
		Identify the importance of cleaning and storing materials safely after use
2.	Basic tools and	Identify tools and materials for use in interior decoration
	materials for	Select the required tools and materials for interior decoration
	interior decoration	Carryout hands-on uses of tools and materials for interior decoration
	(CPD 112)	Identify the common materials required for handling and Storage materials
		Carry out safe storage of materials in interior decoration
		Identify required surfaces to be measured in interior decoration
		Carry out different measurements using measuring tools
		Identify Cover in the work environment before carrying out surface preparation in interior decoration
		Identify required methods of surface preparation in interior decoration
		Perform required basic surface preparation in interior decoration
		Identify tools and materials for use in interior decoration
		Select the required tools and materials for interior decoration
		Carryout hands-on uses of tools and materials for interior decoration
		Identify the common materials required for handling and Storage materials
		Carry out safe storage of materials in interior decoration
		Identify required surfaces to be measured in interior decoration
		Carry out different measurements using measuring tools
		Identify Cover in the work environment before carrying out surface preparation in interior decoration.
		Identify required methods of surface preparation in interior decoration

Identify Cover in the work environment before carrying out surface preparation in interior decoration.Identify required methods of surface preparation in interior decorationPerform required basic surface preparation in interior decorationCreate lines on surfaceCreate lines on surfaceCreate model of shapesTest colour and light in different environmentCreate different types of patternsCreate different types of texture	
Identify required methods of surface preparation in interior decorationIdentify required methods of surface preparation in interior decorationPerform required basic surface preparation in interior decorationCreate lines on surfacepainting and decoration (CPD 121)Create different types of patterns Create different types of texture	
3. Design elements in painting and decoration (CPD 121) Create lines on surface 121) Create different types of patterns Create different types of texture	
painting and decoration (CPD 121)Create model of shapes121)Create different types of patterns Create different types of texture	
decoration (CPD 121)Test colour and light in different environmentCreate different types of patterns Create different types of texture	
121) Create different types of patterns Create different types of texture	
Create different types of texture	
Create spaces	
4. Preparation of basic Identify the required tools	
surfaces for painting materials for	
and decoration (CPD basic surfaces for painting and	
122) Decorative works.	
Identify the types of paint and Related decorating materials	
Identify mix proportion ratios of materials	
Identify various types of surfaces	
Use the basic surfaces preparation on different surfaces	
Demonstrate Surface Cleaning and Repair Techniques	
Identify common surface defects and contaminants	
Identify Common Surface Preparation Tools	
Carry out various steps in achieving a smooth and durable surface	
5. Colour Theory I Identify primary colours	
(CPD 131) Identify, secondary colours	
Identify tertiary colours	
Identify the differences between primary, secondary and tertiary	
Mix two primary colours to create a new colour	
Mix primary and secondary colours or any two secondary colours to create a new colour	
Identify Light and Dark Shades in colour mixing	
Identify Use of Colours for Different Purposes and effects and in designs	
Identify Different Colour Harmonies in painting and decoration of interiors	
Demonstrate how colour harmonies are used in home decoration	

Image: Constrate how to select and apply colours to influence emotions, and purpose. 6. Painting, decorative insides and decorative finishes in design of surfaces. Identify the effect of painting and decorative finishes in design of surfaces. Identify decorative finishes to be applied on surfaces Demonstrate how decorative finishes can be applied on surfaces in spaces. Demonstrate how decorative finishes can be applied on surfaces in spaces. Demonstrate how colour, texture, and pattern contribute to interior and exterior decoration Identify the differences between water-based and oil-based paints Identify surface preparation is important before painting or applying finishes Identify surface problems that affect paint adhesion. Identify how preparation improves durability and the appearance of paint and finishes Technique (CPD 211) Demonstrate to mixing Demonstrate using appropriate ratios when combining different materials for consistency and durability Identify different painting and decorative materials Demonstrate using appropriate ratios when combining different materials for consistency and durability Identify different painting and decorative materials Demonstrate using appropriate ratios when combining different materials for consistency and durability Identify different painting and decorative materials			Demonstrate how different colours evoke specific emotions		
6. Painting, decorative materials and Finishes (CPD 132) Identify painting and decorative finishes in design of surfaces. Identify the effect of painting and decorative finishes can be applied on surfaces in spaces Demonstrate how decorative finishes can be applied on surfaces in spaces Demonstrate how colour, texture, and pattern contribute to interior and exterior decoration Identify the differences between water-based and oil-based paints 1 Identify differences between water-based and oil-based paints 1 Identify different surface preparation is important before painting or applying finishes 1 Identify different surface preparation techniques 1 Identify different surface preparation techniques 1 Identify different surface preparation techniques 1 Identify uppropriate ratios when combining different materials for consistency and durability 211) Use tools and equipment for mixing 211) Demonstrate who to mix paints to achieve desired colours and textures Demonstrate using appropriate ratios when combining different materials for consistency and durability 1 Use tools and equipment for mixing 1 Identify tools and equipment for mixing 1 Identify tools and decorative materials 0 Demonstrate techniques for storing and heading 1 Demonstrate techniques for storing and heading					
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7. Material Handling Technique (CPD 211) Demonstrate how decorative finishes can be applied on surfaces in spaces 7. Material Handling Technique (CPD 211) Material Handling Demonstrate thow to mix paints to achieve desired colours and textures 7. Material Handling Technique (CPD 211) Demonstrate why surface preparation is important before painting or applying finishes 7. Material Handling Technique (CPD 211) Demonstrate why surface preparation improves durability and the appearance of paint and finishes 7. Material Handling Technique (CPD 211) Demonstrate proper techniques for mixing paints to achieve desired colours and textures 0 Demonstrate thow to mix paints to achieve desired colours and textures 0 Demonstrate thow to mix paints to achieve desired colours and textures 0 Demonstrate tow to mix paints to achieve desired colours and textures 0 Demonstrate textures for storing and decorative materials 0 Demonstrate textures for storing and handling paints, solvents and chemicals 0 Demonstrate textures for storing and inventory management for painting and decorative materials Demonstrate storing different materials to prevent contamination and deterioration 0 Demonstrate textures for storing different materials to prevent contamination and deterioration 0 Demonstra					
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Equipment handling Identify decoration and finishing tools and equipment					
	8. Tools and Identify tools and equipment		Identify tools and equipment		
			Identify decoration and finishing tools and equipment		
		(CPD 212)	Demonstrate the use of different types of painting tools and equipment		
Demonstrate the use of different types of decoration and finishes tools and equipment	Demonstrate the use		Demonstrate the use of different types of decoration and finishes tools and equipment		
Demonstrate storage of tools and equipment			Demonstrate storage of tools and equipment		

		Demonstrate storage of painting tools and equipment	
		Demonstrate storage of finishes and decoration tools and equipment	
		Identify tools and equipment handling techniques	
		Demonstrate tools and equipment handling techniques for painting	
		Demonstrate tools and equipment handling techniques for decoration and finishes	
		Carry out painting tools and equipment care and maintenance	
		Carry out decoration and finishes tools and equipment care and maintenance	
9.	Erection and	Identify items and equipment for erection of simple scaffolding and platforms.	
	dismantling of	Identify associated hazards in the erection and	
	access equipment I	Identify usage of safety gadget	
	(CPD 221)	Demonstrate trade safety guidelines during erection	
		Identify the required	
		Identify the associated hazards in the dismantling of scaffolds and platforms	
		Demonstrate trade safety guidelines during dismantling	
		Identify the potential hazards when working with scaffolding, ladders, and mobile elevated work platforms	
	Demonstrate assembly and disassembly techniques for scaffolding, towers, and ladders.		
10. Quantification (CPD Identify types of area to be painted and decorated		Identify types of area to be painted and decorated	
222) Measure accurately the surfaces to be covered			
		Use fractions and proportions to solve practical problems	
Use numbers, graphs and charts to express measurements taken		Use numbers, graphs and charts to express measurements taken	
		Determine the coverage areas for various painting and decorating materials	
		Estimate the quantity of materials to be used	
		Determine the number of coats to be applied on the surfaces	
11.	Colour Theory II	Conduct a small mood chart linking colours to emotions	
	(CPD 223)	Create a colour wheel using paints to reinforce understanding of harmonies	
		Apply test swatches on a model wall to visualize	
		effect of colours in a small or large space	
		Create a hand painted colour wheel and label the different harmonies	
		Demonstrate harmony type on a sheet	
Apply each harmony type to a sheet			
		Create a colour wheel by mixing basic colours to create different colours	
		Create a colour scheme/colour wheel to differentiate between mixing and matching of colours	
		create a colour scheme/colour wheel to uncrentiate between mixing and matching of colours	

		Paint a simple surface by Hands-on exercises to Create a tint, shade and tone
		Carryout exercise to create a matching colour
		Apply different techniques of decorative finishes to a small portion of wall
		Create the aesthetics of different finishes on a surface
		Carryout techniques of simple decorative finishes
		Demonstrate space management
	I (CPD 231)	Identify different types of spaces
		Demonstrate how to organize and use space
		Demonstrate poor space management and observe its impact
		Identify the different types of spaces in a home or building or workspace
		Demonstrate how designers use colour, texture, and material placement to create balanced finishes
		Demonstrate how space is used to create balance, depth, and emphasis in artwork.
		Demonstrate how decorative elements interact with space in design
		Identify balance and proportion in visual design
		Demonstrate how proportion affects the aesthetics of finishes
		Demonstrate colour psychology as it affects mood and perception.
		Demonstrate how warm colours and cool colours have effects on space
		Demonstrate how colours are used in interior design, art, and decoration to influence perception
13.	Basic tools for POP	Identify the required tools for use in POP works
	works (CPD 232)	Demonstrate the use of appropriate tools for POP works
		Identify the POP works materials for handling and storage
		Demonstrate the techniques for safe handling and storing POP works materials
		Identify the required surface areas to be measured and methods of measurements
		Identify the required basic measurement units and their conversions
		Demonstrate different measurements with the aid of measuring tools.
		Identify materials and tools in preparation for POP works
		Identify the list of covers to use in the work environment before POP works
		Demonstrate the steps in preparation for POP works
14.	Erection and	Identify different types of access equipment
	dismantling of	Demonstrate their usage
	access equipment II	Determine the quantity of materials required for erecting a particular scaffold, working platform and ladders at the work
	(CPD 233)	place

		Identify tools and equipment for erecting and dismantling temporary scaffold/ working platform/ ladder at the work place		
		Identify relevant scaffold materials needed at site		
		Demonstrate assembling of appropriate base		
		Demonstrate standard procedures for erecting/ dismantling of scaffold, working platforms and ladders at the work place		
		Demonstrate the use of required safety gadgets and follow trade safety during erecting/ dismantling of scaffold, working platforms and ladders at the work		
		Identify associated hazards and risks in the erection of dismantling of scaffolding.		
		Demonstrate safe working on platforms, ladders and scaffold		
		Demonstrate tools for the preparation of basic surfaces for painting decorative works		
	techniques (CPD	Demonstrate relevant materials for preparation of basic surfaces in painting work		
	311)	Demonstrate equipment for surface preparation		
		Demonstrate techniques for basic surface preparation in painting work		
		Examine basic surfaces		
		Carryout preparation of wooden surfaces for vanish, polish and other related paint materials		
		Carryout preparation of metal surfaces		
		Carryout preparation of wall surfaces		
		Identify types of surface contaminant		
		Carryout cleaning of surfaces		
		Test different cleaning agents on various materials		
		Identify various surface defects		
		Identify Patching and filling material		
		Demonstrate Sanding techniques		
		Demonstrate how to Achieve smoothness for surface		
		Identify various types of primers and sealants		
		Perform the application of prime coat by brush or spray as applicable		
		Identify tools and materials for masking, Taping & Protective Covering		
		Demonstrate the techniques for Masking, Taping & Protective Covering		
16.	Space management	Demonstrate how to maximize space		
	II (CPD 312)	Optimize space for required usage		
		Demonstrate the collection and evaluation of space management data		
		Demonstrate how spaces meet functionality, efficiency, aesthetics and sustainability		
		Identify materials for different spaces for painting, decoration and finishes (interior design)		

		Identify materials for different spaces for painting, decoration and finishes (interior design)
		Demonstrate the required material handling procedure for the different spaces
		Identify components of space management
		Carry out measurement for different types of spaces
		Carry out alignment of spaces by the use of required tools
		Carry out smoothness of spaces
17.	Wall finishing and	Identify types of walls finishes
	decorating	Demonstrate material handling of wall finishes
	techniques in	Carry out safety precaution for wall finish installation
	painting and	Carry out surface preparation for decorative materials
	decoration (CPD	Match patterns for decorative works
	321)	Use materials for finishes
		Use tools for finishes
		Use equipment for finishes
		Identify types of decoration
		Install decorations on surfaces
		Use materials for decorative finish
		Apply wall finish and install decorative finish
		Prepare surface for wall finishing
		Identify different types of wallpaper and their uses
		Identify different types of wallpaper and their uses
		Demonstrate wallpapering tools/materials
		Practice the correct use of adhesives for different wallpaper
		Demonstrate removal of old paints/wallpapers
		Identify and fixing wall defects
		Priming and sealing of surfaces
		Carry out hands-on calculating of wallpaper
		Demonstrate cutting wallpaper and measuring surfaces
		Apply wallpaper using different techniques and ensuring bubble-free and smooth
		Carryout cleaning and maintaining wallpaper
		Demonstrate removal of wallpaper using steamers and solvents
18.		Carry out painting techniques

	Painting techniques	Select the required technique for different surfaces
	and methods (CPD	Carry out preparation techniques
	322)	Carry out application technique on surface
		Identify surfaces for finishing technique
		Identify surfaces for specialized technique
		Carry out painting with various methods
		Carry out safe work procedures for painting methods and techniques
		Identify work platforms for painting techniques and methods
		Identify and select different types of work platforms
		Identify and select material and tools for work platforms
19.	Application and	Display real samples of materials based on texture, durability, and aesthetic appeal.
	Installation of	Demonstrate simple tests (e.g., water resistance, stain resistance, and adhesion) to determine material effectiveness
	building materials	Identify Simple Tools used in Interior Finishing
	(CPD 331)	Demonstrate simple Safety Guidelines while Using Tools
Demonstrate proper use of Personal Protective Equipment (PPE) Use tools and adhesives correctly, minimizing the risk of injury Identify emergency exits, and follow safe evacuation protocols		Demonstrate proper use of Personal Protective Equipment (PPE)
		Use tools and adhesives correctly, minimizing the risk of injury
		Identify emergency exits, and follow safe evacuation protocols
		Use tools like trowels, rollers, and hammers correctly while following instructions.
		Carry out basic tasks such as painting a sample board, applying putty, or measuring and cutting wallpaper, using tools
		safely and effectively
		Classify Interior Finishing Materials Based on Their Application
		Test the Quality of Different Interior Finishing Materials
		Identify eco-friendly and low-VOC (Volatile Organic Compounds) materials and their importance in creating a safe indoor
		environment
		Select Appropriate Materials for a Given Interior Space
20.	Surface finishing	Use all required painting tools and equipment
		Identify types of paint
		Carryout Mixing, Pouring and Diluting in paint application
		Demonstrate application of paints using brush and roller
		Demonstrate application of coatings to internal and external surfaces suiting industrial situations
		Demonstrate application of coatings to internal and external surfaces suiting residential and any other situation
1		Demonstrate how environmental factors affect choice of paint

	Identify various types of finishes
Identify different types of finishes to different types of surfacesDemonstrate methods of application of different finishes to different surfaces	
Use correct sequence and methodology for application finishes	

NAME	QUANTITY
Painting tools	
Paintbrushes (various sizes and types)	15
Rollers	5
Extension poles	5
Paint trays	5
liners	15
Spray guns	1
Nozzles	1
Paint pads	1
Applicators	5
Paint rollers with textured covers	5
Stencils	1
Stencil brushes	5
Paint scrapers	5
Sanders	3
Spray Gun	2
Airless spray gun	2
Compressor	1
Decorating tools	
Stencils	1
Stencil brushes	5
Stampers	5
Stamping pads	5
Sponges	5
Sponge applicators	5
Rags	10
lint-free cloths	5
Tape (masking, painters, and decorative)	5
Decorative trim	5

List of tools for NTC Painting, Decoration and Finishes (Interior Design)

Molding tools	5
Faux finishing tools (e.g., combs, rakes, and sponges)	1 each
Gilding tools (e.g., gilding brushes and knives)	1 each
Vinyle	1
Fabrics	1
Foil	1
Embossed	1
Textured	1
Mural	1
Peel-and-stick	1
3D wallpaper sample	1
Finishing tools	
Polyurethane brushes	5
Applicators	5
Foam brushes	5
Lambswool applicators	5
Polishing pads	5
Microfiber cloths	5
Orbital sanders	5
Sanding pads	5
Rotary tools and accessories (e.g., sanding drums and	1 each
polishing wheels)	
Heat guns and drying lamps	1 and 3 resp
UV curing lamps and equipment	1 each
Specialized tools	
Glazing tools (e.g., glazing brushes and knives)	3 each
Texturing tools (e.g., texture sprayers and texture	3 each
additives)	
Venetian plaster tools (e.g., plaster trowels and plaster	3 each
brushes)	
Ceramic tools (e.g., ceramic brushes and ceramic knives)	3 each
Glass painting tools (e.g., glass brushes and glass knives)	3 each

Painting, Decoration and Finishing Equipment	· · · · · · · · · · · · · · · · · · ·
Protective eyewear (goggles and safety glasses)	15
Respiratory protection (masks and respirators)	15
Gloves (latex, nitrile, and protective gloves)	15
Steel-toed boots and shoes	15
Ladders and step stools	2 each
Drop cloths and tarps	5 each
Ventilation equipment (fans and ventilation systems)	3 each
First aid kits and emergency response equipment	1
Paint mixing and measuring equipment	3 each
Colour matching and testing equipment	3 each
Surface preparation tools (e.g., sandpaper and scrapers)	3 each
Cleaning equipment (e.g., vacuum cleaners and pressure washers)	1 each
Storage containers and shelving	1 each
Ladders and scaffolding	2 each
Toolboxes and portable storage	2 each
Lighting equipment (e.g., lamps and LED lights)	2 each

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