

**Painting and Decorating - National Technical
Certificate (NTC) and Advanced National Technical
Certificate (ANTC)**

Wall Hanging

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING AND DECORATING		
Module: WALL HANGING	Module Code: CPD 13	Contact Hours: 2hrs Theory/10hrs Practical
<p>GOAL: this module is designed to provide the trainee with adequate knowledge and skills to carry out wall hanging jobs with proficiency</p> <p>General Objectives:</p> <p>On completion of this module, the trainee should be able to:</p> <ol style="list-style-type: none"> 1. Know and use appropriate tools, materials and equipment required for all aspects of wall hanging 2. Know the quantity of materials and the cost for completing a wall hanging job 3. Prepare materials and equipment required for completing wall hanging job 4. Hang wall hangings (paper) to various surfaces 		

YEAR ONE TERM 3

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING AND DECORATING			
Module: WALL HANGING		Module Code: CPD 13	Contact Hours: 2HRS Theory, 10hrs Practical
Module Specification: THEORETICAL CONTENT			
General Objective: 1.0 Know And Use Appropriately The Tools, Materials And Equipment Required For All Aspects Of Wall Hanging.			
Week	Specific Learning Outcome	Teacher Activities	Learning Resources
1 - 2	1.1 Identify specific tools used in wall hanging stating their parts and application e.g. paper hanging brush, scissors or shears, seam and angle rollers, felt rollers, casing wheels.	<ul style="list-style-type: none"> • Draw and label the parts of tools. Show the students the actual tools. Demonstrate how to use the tools. 	<ul style="list-style-type: none"> • Paper hanging brush, scissors or shares, steam and angle roller. Felt rollers, casing wheel.
	1.2 Identify materials used in wall hanging stating their composition, properties and uses e.g. adhesives (assorted), lining papers (assorted), wall hangings (assorted), etc. 1.3 Identify specific equipment used in wall hanging stating their specific functions	<ul style="list-style-type: none"> • The teacher to bring the materials to the classroom. • Explain each of the materials and their composition, properties and uses. 	<ul style="list-style-type: none"> • Different types of adhesives. • Lining papers.

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Module: WALL HANGING		Module Code: CPD 13	Contact Hours: 2HRS Theory, 10hrs Practical
Module Specification: THEORETICAL CONTENT			
General Objective 2.0: Know the Quantity of Materials and the cost for completing a Wall hanging Project.			
Week	Specific Learning Outcome	Teacher Activities	Learning Resources
5-6	2.1 Identify the instruments used for measuring and setting out projects in wall hanging: metric rule, tape rule, scale rule.	<ul style="list-style-type: none"> • The teacher to draw and label the metric rule, tape rule and scale rule. • Tell the students the use of each of the measuring tools above. • Demonstrate to the student how each of them is used in particular situation. • Ask students to draw the measuring tools. 	<ul style="list-style-type: none"> • Metric rule, tape rule and scale rule • Lesson note • Chalk board
	2.2 Calculate the area of surfaces for wall hanging.	<ul style="list-style-type: none"> • The teacher to give the formulae for calculating the area of rectangular surfaces, triangular surfaces and circular surfaces. 	<ul style="list-style-type: none"> • The surface to be use for wall hanging. • Metric rule, tape rule and scale rule. • Models of Mathematical shapes
7 - 8	2.3 Describe various standard sizes of wall hanging e.g. 10.05m x 530mm. Note: Available British, American or other international standards could be used.	<ul style="list-style-type: none"> • The teacher to bring the standard paper to the Class (British and American) and 	
	2.4 Calculate the quantity of materials required for a given wall hanging job e.g. wall hangings, adhesives, lining papers.	<ul style="list-style-type: none"> • The teacher to bring the required materials and do a practical lesson with them. 	<ul style="list-style-type: none"> • Wall hanging papers, adhesives, lining papers.
9 - 10	2.5 Cost a wall hanging job taking into consideration (i) time (ii) material (iii) area of surface to be covered (iv) labour cost (iv) profit/overhead. Note: Student should know also standard cost of wall hanging per meter.	<ul style="list-style-type: none"> • The teacher should guide the students to cost a wall hanging job, taking into consideration all the materials to be used, time, materials, the surface area, the labour cost, overhead and profit should be calculated using stand cost of wall hanging per meter. • Give the students different surface areas to calculate the total cost. 	<ul style="list-style-type: none"> • Worked examples as a guide to students.

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Module: WALL HANGING		Module Code: CPD 13	Contact Hours: 2HRS Theory, 10hrs Practical
Module Specification: THEORETICAL CONTENT			
General Objective 3.0: Prepare Materials And Equipment Required For Completing Wall Hanging Job.			
Week	Specific Learning Outcome	Teacher Activities	Learning Resources
11	3.1 Identify the various components of building in given working drawings for wall hanging based on (i) primary elements e.g. walls, ceilings etc, (ii) secondary elements e.g. staircases, wall partitions or claddings.	<ul style="list-style-type: none"> • The teacher to bring a working drawing to show students the parts of the building. • The teacher can use the workshop or classroom building to show them the main parts of a building. • Take the students where they can see stair cases, wall partitions or claddings. 	<ul style="list-style-type: none"> • Visit to a construction site.
12	3.2 Determine the sizes of surfaces of the wall prepared from given drawings using the scale rule.	<ul style="list-style-type: none"> • The teacher to emphasize the use of scale in a working drawing. • The scale could be calculated to know the exact surface to use for wall hanging. 	<ul style="list-style-type: none"> • Sample of a finished job.
13	EXAMINATIONS: PRACTICAL = 70% THEORY = 30%		

PROGRAMME: NATIONAL TECHNICAL CERTIFICATE IN PAINTING AND DECORATING			
Module: WALL HANGING		Module Code: CPD 13	Contact Hours: 12RS/WEEK
Module Specification: PRACTICAL CONTENT			
General Objective 1.0: Select And Use Appropriately The Tools, Materials And Equipment Required For All Aspects Of Wall Hanging.			
Week	Specific Learning Outcome	Teacher Activities	Learning Resources
1 - 2	1.1 Select and use as appropriate wall hanging tools, equipment and materials in given jobs.	• Guide the students to select, use and maintain appropriately wall hanging tools and materials	• Paper hanging brush, a pair of scissors, angle rollers and casing wheels.
	1.2 Undertake care and maintenance of tools and equipment in use.		• Bring few tools and equipment common in wall hanging.
General Objective: 2.0 Prepare Materials And Equipment Required For Completing Wall Hanging Job.			
Week	Specific Learning Outcome	Teacher Activities	Learning Resources
3 - 4	2.1 Select colour pattern to specifications.		• Colour pattern chart.
	2.2 Prepare substrates for wall hanging e.g. wood, metal, plaster, Note: Ideal surface should be used i.e. slightly porous surface (b) The surfaces, of the substrates will include: new surfaces, previously painted surfaces, badly defected surfaces. (c) The technique to be used in the preparation will include: cleaning, rubbing down, burning off, solvent removal, stopping and filling, painting, undercoating, application of the appropriate ground coat.	• Guide the students on the selection of colour pattern, preparation of substrates and wall hangings to specification	• Metal surfaces • Wood surfaces • Plaster surfaces.
5	2.3 Prepare for wall hanging operations as follows: a. trim the edges of wall hangings (paper) b. cut wall hangings (paper) to specification c. match and shade the prints of the wall hangings (paper) d. set and prepare appropriate adhesive for the material to be hung e. set scaffold or trestles as appropriate with board(s) to form a working platform f. set paste table in a convenient position.	• Guide the students to carry out wall hanging operation to specification	• Wall paper • A pair of scisors • Paper hanging brush. • Steam and angle rollers. • Casing wheels.

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Module: WALL HANGING		Module Code: CPD 13	Contact Hours: 12RS/WEEK
Module Specification: PRACTICAL CONTENT			
General Objective: 3.0 Hang Wall Hanging (Paper) To Various Surfaces.			
Week	Specific Learning Outcome	Teacher Activities	Learning Resources
6	3.1 Apply adhesive (see 3.54) in an even film of adequate weight avoiding soiling of the face of the wall hanging (paper), paste table, tools and hands.	- do -	• Adhesives • Wall hanging brush
7	3.2 Fold wall hanging (paper) as appropriate to ensure ease of handling during hanging.	- do -	• Wall hanging paper.
8	3.3 Plumb lines using plumb bob and line to strike a line for the first length of wall hanging (paper) at the appropriate place.	- do -	• Plumb line • Plumb Bob.
9 - 10	3.4 Hang the wall paper to plumbed and struck lines avoiding greases, blisters, tears, and other defects.	- do -	• Greases, blisters, tears.
11-12	3.5 Cut wall hangings accurately to angles and around obstructions avoiding damages to or solid of adjacent surfaces.	• Guide the students to cut wal hanging materials accurately to minimise wastage	• A pair of scissors or shares.
	3.6 Observe safety precautions associated with wall hanging.		• A chat on safety precautions.
13	Examination: Practical 70% Theory 30%		