COLOR CONCEPT

INDCC301

IMPLEMENT COLOR CONCEPT

Competence

RQF Level: 3

Learning Hours 80

Credits: 8

Sector: Construction and Building Service

Trade: Interior Design

Module Type: Specific

Curriculum: CBSIND 3001- TVET Certificate 3 in Interior Design

Issue Date: August 2022

1200

Purpose statement	This module describes the skills, knowledge and attitude, required to apply painting, much with color scheme. The craftsman will be able to prepare the color palette according to the project, elaborate technical specifications of the color Palette matching with social culture. At the end of the module the learners will be able to Describe color theory, Develop project, and Execute color.				
Leaning assumed to be in place	Safety, Health and environment at workplace; Develop Technical Drawing; Project Presentation; Demonstrate knowledge of interior design materials; Tiling.				
Delivery modality	**Training delivery**	**100%**	**Assessment**		**Total 100%**
	Theoretical content	30%	Formative assessment	30 %	50%
	Practical work:	70%		70%	
	• Group project and presentation	20%			
	• Individual project /Work	50%			
			Summative Assessment		50%

Elements of Competency and Performance Criteria	

Elements of competency	Performance criteria
1. Describe colour theory	1.1. Colors are harmoniously interpreted according to the color wheel theory.
	1.2. Color influencing factor are accurately presented according to psychological influence.
	1.3. Colors criteria are properly suggested according to design, environment factor and color scheme.
	1.4. The surface is well identified according to the color to be applied.
	1.5. Materials, tools and equipment are properly identified according to the art work.
2. **Develop project color concept**	2.1. Current site conditions are properly analyzed according climate conditions and design requirements.
	2.2. Color palettes are properly created according to site analysis outcome and project brief.

	2.3. Color codes, and Specifications are properly presented according to designs and other artworks.
3. Execute color concept	3.1. The surface is well prepared according to the types of paints/colors to be applied
	3.2.Color mix/pigments is achieved according to the required mix in the design specifications
	3.3.The priming is perfectly applied according to the required look of the surface as per final coat
	3.4. Coats of the paints are perfectly applied according to the look and design specifications
	3.5. Final touches are properly applied according to visual look and aesthetics reflection

Course content

Learning outcomes	At the end of the module the learner will be able to: • **Describe colour theory** • **Develop project color concept** • **Execute colour concept**
Learning outcome 1: Describe colour theory	**Learning hours: 15**

Indicative content

- **Interpretation the standard color wheel theory**
  Hue, saturation, shades, tints, Complementary colors, Monochromatic, supplementary colors.
- **Interpret color influencing factor**
  weather conditions, psychological influence, color composition
- **Selection color criteria**
  standard color wheel scheme, environment factor and color scheme, influencing factors,cost and functionality of the artwork
- **Identification of the surface**
- Texture
- Exposure
- Material
- **Identification of Materials, tools and equipment**
- Materials
- Tools

• Equipment	

<table>
<tr><td colspan="2" align="center">Resources required for the learning outcome</td></tr>
<tr><td>Equipment</td><td>Paint sprayer, masking tape, compressor, PPE, scaffolding</td></tr>
<tr><td>Materials</td><td>Paint, thinner, mastic polyester, water, notebook, cleaning cloth</td></tr>
<tr><td>Tools</td><td>Tape measure, Color wheel, Color catalogue, Drawing tools, Mood board, Plastic roller tray, Roller extension pole</td></tr>
<tr><td>Facilitation techniques</td><td>

• Individual and group work

• Individualized

• Trainer guided

• Group discussion
</td></tr>
<tr><td>Formative assessment methods</td><td>

• Written assessment

• Oral presentation
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<tr><td>Learning outcome 2: Develop project color concept</td><td>Learning hours: 20</td></tr>
<tr><td colspan="2" align="center">Indicative content</td></tr>
<tr><td colspan="2">

• **Conduct site analysis**

  Climate conditions, design requirements (dimensions, Sketches, and diagrams)

• **Develop color palette**

  Color theory, historical data, culture, project brief, design requirements,etc

• **Develop specifications of color palette**

✓ Monochromatic Color

✓ Analogous Color

✓ Complementary Color

✓ Triadic Color

✓ Warm color

✓ Cool color
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Resources required for the indicative content	
Equipment	Paint sprayer, masking tape, compressor, PPE, scaffolding
Materials	Paint, thinner, mastic polyester, water, notebook, cleaning cloth
Tools	Tape measure, Color wheel, Color catalogue, Drawing tools, Mood board, Plastic roller tray, Roller extension pole
Facilitation techniques	• Individual and group work • Individualized • Trainer guided • Group discussion
Formative assessment methods	• Written assessment • Oral presentation

Learning outcome 3: Execute color concept	Learning hours: 45
Indicative content	

- **Method of mixing color**
  - ✓ Manual
  - ✓ Machine
  - ✓ Calculation of mixing ratio formula
- **Application Coats of the paints**
  - ✓ Priming
  - ✓ First coat
  - ✓ Second coat
  - ✓ Final coat
  - ✓ Stain-and-clear finish, Paint finish, High exposure finishing
- **Cleaning and storage of tools, equipment, and materials**

Resources required for the indicative content	
Equipment	Paint sprayer, masking tape, compressor, PPE, scaffolding

Materials	Paint, thinner, mastic polyester, water, notebook, cleaning cloth
Tools	Tape measure, Color wheel, Color catalogue, Drawing tools, Mood board, Plastic roller tray, Roller extension pole.
Facilitation techniques	• Demonstration and simulation • Individual and group work • Practical exercise • Individualized • Trainer guided • Group discussion
Formative assessment methods	• Written assessment • Oral presentation • Performance assessment • Product based assessment • Project based assessment

Integrated/Summative assessment (For specific module)

Integrated situation

The director manager of Ganza modern nursery school contracted with IGR PAINT Ltd to paint wall paintings of still life objects on the front of the wall of baby class, middle class located in western province, with dimensions of 140cmx80cm. As an artist decorator you are required to paint the 5 different kitchen materials on the front of baby class wall, 5 different school materials on middle class during 2 days using primary and second colors in a way that is favorable to kids. Be carefully for respecting the element and principles of art.

Notes: All materials and tools are in workplace

Resources

Tools	Painting brushes, types of Painting rollers, Sample container, Tape measure, Color wheel, Color catalogue, Drawing tools, Mood board, Plastic roller tray, Roller extension pole, painting palettes.
Equipment	-Walls, clothes, Gloves, hats, shoes, face masks, mixer paint, compressor and paint gun, Paint sprayer, masking tape, compressor, PPE, scaffolding

Materials/ Consumables	Papers, scotches, Paint, thinner, mastic polyester, water, notebook, cleaning cloth.

Assessable outcomes	Assessment criteria (Based on performance criteria)	Indicators	Observation		Marks allocation
			Yes	**No**	
Learning outcome 1: Describe colour theory **(15%)**	1. Identification of the surface	Ind.1 The surface texture is well identified			24
		Ind.2. The surface exposure is well identified			
		Ind.3. Hazardous materials are well identified			
	1. Identification of Materials, tools and equipment	Ind.1. materials are well identified			
		Ind.2 tools are well identified			
		Ind.3. Equipment are well identified			
	3.Interpret the standard color wheel theory	Ind.1. Hue, saturation, shades,tints,Complementary colors,Monochromatic, supplementary colors are well interpreted			
	4.Interpret color influencing factor	Ind.1. Weather conditions, psychological influence, color composition are well interpreted			

	5.Selection color criteria	Ind.1. standard color wheel scheme, environment factor and color scheme, influencing factors,cost and functionality of the artwork are well selected			
Learning outcome 2: Develop project color concept	2.1.Identification the color palette	Ind .1 A monochromatic color palette is well identified			32
		Ind .2. An analogous color palette is well identified			
		Ind.3 A Triadic Color Palette is well identified			
	Conduct site analysis	Ind.1. weather, appearance and design requirement, Dimensions, Sketches, and diagrams are well conducted			
	Develop coloring concept	Ind.1. site analysis outcome and project brief, design concept, color theory and color scheme			
	Develop color palette and specification	Ind.1. Monochromatic Color Palettes,Analogous Color Palettes,Complementary Color Palettes are well developed			
Learning outcome 3:	3.1. Method of mixing color	Ind1. Colors are accurately mixed manually			64

Execute colour concept of the project		Ind2. Colors are accurately mixed with a machine			
		Ind3. The ratio formula is well calculated			
	3.2.Application Coats of the paints	Ind1. The primer is well applied			
		Ind2. The first coat is well applied			
		Ind3. The second coat is well applied			
		Ind 4. The final coat is well applied			
Total marks					**100**
Percentage Weightage					**100%**
Minimum Passing line % (Aggregate): 70%					

Reference
Links:

1. www.dberke.com (Deborah Berke)
2. www.sccollective.com (Shashi Caan)
3. www.gabellinisheppard.com (Michael Gabellini)
4. www.selldorf.com (Annabelle Selldorf)
5. www.tsao-mckown.com (Calvin Tsao)
6. www.yabupushelberg.com (George Yabu and Glenn Pushelberg)