



STANDARD KEMAHIRAN PEKERJAAN KEBANGSAAN
(NATIONAL OCCUPATIONAL SKILLS STANDARD)

INTERIOR DECORATION
LEVEL 3



JABATAN PEMBANGUNAN KEMAHIRAN
KEMENTERIAN SUMBER MANUSIA
MALAYSIA



CONSTRUCTION INDUSTRY DEVELOPMENT
BOARD (CIDB)



Department of Skills Development (DSD)

Ministry of Human Resources

62530 PUTRAJAYA, MALAYSIA

NATIONAL OCCUPATIONAL SKILLS STANDARD (NOSS)

FOR

**INTERIOR DECORATION
LEVEL 3**

Copyright © DSD 2014

All rights reserved

No part of this publication may be produced, stored in data base, retrieval system, or in any form by any means, electronic, mechanical, photocopying, recording or otherwise without prior written permission from Department of Skills Development (DSD)

TABLE OF CONTENTS

No.	Contents	Pages
Standard Practice		
1.	Introduction	i
2.	Occupational Structure	iii
3.	Occupational Area Structure	iv
4.	Definition of Competency Level	v
5.	Award of Certification	vi
6.	Job Competencies	vi
7.	Working Conditions	vi
8.	Employment Prospects	vi
9.	Career Advancement	vii
10.	Sources of Additional Information	vii
11.	Acknowledgement	viii
12.	Committee Members for NOSS Development	ix
13.	Competency Profile Chart (CPC)	x
14.	Competency Profile (CP)	1-14
Curriculum of Competency Unit (CoCU)		
1.	CORE: INTERIOR DRAWING PREPARATION	15-21
2.	CORE: INTERIOR FURNITURE DECORATION	22-27
3.	CORE: INTERIOR LIGHTING DECORATION	28-37
4.	CORE: INTERIOR CEILING DECORATION	38-43
5.	CORE: INTERIOR FLOOR DECORATION	44-56
6.	CORE: INTERIOR WALL DECORATION	57-63
7.	CORE: INTERIOR ACCESSORIES DECORATION	64-72
8.	CORE: INTERIOR AMENITIES	73-82
	Training Duration Summary	83

STANDARD PRACTICE
NATIONAL OCCUPATIONAL SKILLS STANDARD (NOSS) FOR
INTERIOR DECORATION
LEVEL 3

1. INTRODUCTION

- **Occupational Overview**

Interior design and interior decorating are two separate professions that often overlap. Both are concerned with creating rooms that are functional and aesthetically pleasing. Interior designers and interior decorators must be well-versed in the principles and elements of good design, and must understand how to apply these concepts to meet the needs of clients. But while one understands the underlying structure of architecture, the other is concerned with elements of decoration.

The difference between designing a room and decorating a room is influenced by function and by intent. To design a room is to consider factors such as the size of door and window openings, the placement of electrical outlets and closets, and the types of furnishings needed to meet the needs of the occupants. The design of a room is influenced by local codes, architecture and ways the room will be used. To decorate a room is to create a color palette, choose fabrics and furnishings, plan furniture arrangement and choose accessories for the space. It is no less difficult than designing a room; it is just a different step necessary to reaching the final goal of a comfortable and functional space.

Interior designers are concerned with ergonomics, the relationships between humans and furniture and associated products. There are interior designers who specialize in designs for special-needs populations, senior citizens, schools and other areas in which particular needs must be met. But ergonomics are not confined to select groups. The application of ergonomics is used in all aspects of interior design. The interior decorator is less concerned with ergonomics and more concerned with aesthetic appeal of furnishings and the overall space. Decorators may specialize in single elements of decor such as color application, furniture arrangement or fabric selection. Interior decorators, however, usually are hired to redecorate an entire space, and so they must be well-versed in all the elements and principles of design.

1.1 Training programme pre requisite

The pre-requisite for the enrolment of this programme is as below:

- i. Preferably SPM or at basic 16 years old entry level for college vocational;
- ii. Basic computer knowledge;
- iii. Not color blind;
- iv. Able to read and write in Bahasa Malaysia and/or English

1.2 Justification and rationale of NOSS development

The need for knowledge workers and market-driven expertise will become more important. With the technology change and shortage of skill workforce, need to be addressed on a more comprehensive basis, through NOSS development and industrial training. This NOSS is developed to anticipate technology change and shortage of skill workforce in this industry.

2. Occupational Structure (OS)

SECTOR	INTERIOR DECOR							
SUB SECTOR	INTERIOR MATERIAL MANUFACTURING	TREADFORM ARCHITECTURE MOULDING		INTERIOR SERVICES	FINISHING			
JOB AREA	METAL	DOOR & WINDOWS	FIBER	INTERIOR DECORATION	PRODUCTION			
					DOOR & WINDOWS	SOFT FURNISHING	LEATHER	VINYL
L5	(Not Available)	(Not Available)	(Not Available)	INTERIOR DECORATOR MANAGER	(Not Available)	Interior Furnishing Designer (Fabric)	Interior Furnishing Designer (Leather)	Interior Furnishing Designer (Vinyl)
L4	(Not Available)	(Not Available)	(Not Available)	INTERIOR DECORATOR EXECUTIVE	(Not Available)	Interior Furnishing Assistant Designer (Fabric)	Interior Furnishing Assistant Designer (Leather)	Interior Furnishing Assistant Designer (Vinyl)
L3	Ornamental Metal Making Supervisor)	Doors and Windows Making Supervisor	Decorative Ceilings Installation Supervisor	INTERIOR DECORATOR SUPERVISOR	(Not Available)	Interior Decorator (Fabric)	Interior Decorator (Leather)	Interior Decorator (Vinyl)
L2	Ornamental Metal Senior Maker	Doors and Windows Senior Maker	Decorative Ceilings Senior Installer	(Not Available)	Doors and Windows Designing Technician	(Not Available)	(Not Available)	(Not Available)
L1	Ornamental Metal Maker	Doors and Windows Maker	Decorative Ceilings Installer	(Not Available)	Doors and Windows Designing Junior Artist	(Not Available)	(Not Available)	(Not Available)

Fig. 1.1 Existing Occupational Structure for Interior Decor industry sub-sector Interior Services in Malaysia

Occupational Area Structure (OAS)

SECTOR	INTERIOR DECOR							
SUB SECTOR	INTERIOR MATERIAL MANUFACTURING	TREADFORM ARCHITECTURE MOULDING		INTERIOR SERVICES	FINISHING			
JOB AREA	METAL	DOOR & WINDOWS	FIBER	INTERIOR DECORATION	PRODUCTION			
					DOOR & WINDOWS	SOFT FURNISHING	LEATHER	VINYL
L5	(Not Available)	(Not Available)	(Not Available)	INTERIOR DECORATION	(Not Available)	Interior Furnishing Designer (Fabric)	Interior Furnishing Designer (Leather)	Interior Furnishing Designer (Vinyl)
L4	(Not Available)	(Not Available)	(Not Available)	INTERIOR DECORATION	(Not Available)	Interior Furnishing Assistant Designer (Fabric)	Interior Furnishing Assistant Designer (Leather)	Interior Furnishing Assistant Designer (Vinyl)
L3	Ornamental Metal Making Supervisor)	Doors and Windows Making Supervisor	Decorative Ceilings Installation Supervisor	INTERIOR DECORATION	(Not Available)	Interior Decorator (Fabric)	Interior Decorator (Leather)	Interior Decorator (Vinyl)
L2	Ornamental Metal Senior Maker	Doors and Windows Senior Maker	Decorative Ceilings Senior Installer	(Not Available)	Doors and Windows Designing Technician	(Not Available)	(Not Available)	(Not Available)
L1	Ornamental Metal Maker	Doors and Windows Maker	Decorative Ceilings Installer	(Not Available)	Doors and Windows Designing Junior Artist	(Not Available)	(Not Available)	(Not Available)

Fig. 1.1 Occupational Area Structure (OAS) for Interior Decoration industry sub-sector Interior Services in Malaysia

3. DEFINITION OF COMPETENCY LEVELS

The NOSS is developed for various occupational areas. Candidates for certification must be assessed and trained at certain levels to substantiate competencies. Below is a guideline of each NOSS Level as defined by the Department of Skills Development, Ministry of Human Resources, Malaysia.

- | | |
|---|--|
| Malaysia Skills Certificate Level 1: | Competent in performing a range of varied work activities, most of which are routine and predictable. |
| Malaysia Skills Certificate Level 2: | Competent in performing a significant range of varied work activities, performed in a variety of contexts. Some of the activities are non-routine and required individual responsibility and autonomy. |
| Malaysia Skills Certificate Level 3: | Competent in performing a broad range of varied work activities, performed in a variety of contexts, most of which are complex and non-routine. There is considerable responsibility and autonomy and control or guidance of others is often required. |
| Malaysia Skills Diploma Level 4: | Competent in performing a broad range of complex technical or professional work activities performed in a wide variety of contexts and with a substantial degree of personal responsibility and autonomy. Responsibility for the work of others and allocation of resources is often present. |
| Malaysia Skills Advanced Diploma Level 5: | Competent in applying a significant range of fundamental principles and complex techniques across a wide and often unpredictable variety of contexts. Very substantial personal autonomy and often significant responsibility for the work of others and for the allocation of substantial resources features strongly, as do personal accountabilities for analysis, diagnosis, planning, execution and evaluation. |

4. AWARD OF CERTIFICATE

Candidates after being assessed and verified and fulfilled Malaysian Skill certification requirements shall be awarded with Malaysia Skills Certificate for Level 3 (Interior Decoration)

5. JOB COMPETENCIES

An Interior Decoration Level 3 is competent in performing:

- Interior Drawing Preparation
- Interior Furniture Decoration
- Interior Lighting Decoration
- Interior Ceiling Decoration
- Interior Floor Decoration
- Interior Wall Decoration
- Interior Accessories Decoration
- Interior Amenities

6. WORKING CONDITIONS

Generally they work under normal working hour from morning to evening depending on organisation nature of business. They may be required to work extra hours to fulfil internal and external requirement. They may work individually or in a group and need to use / wear appropriate attire during the commencement of their jobs. The occupation requires proper physical fitness & alertness, good communication skill, cooperative and ability to understand & execute work instructions from superior.

7. EMPLOYMENT PROSPECTS

There are excellent prospect in private sectors due to shortage of hands-on expert in interior decoration services. Interior Decoration L3 trained under this training program is eligible to be employed in the printing sector. This area has a very good job market potential abroad for skilled personnel due to shortage of such highly skilled personnel in this region.

i. Employment Opportunity in Malaysia

Other related occupation with respect to employment opportunities are:

- Interior decoration Instructor/ Trainer
- Interior decoration Sales & Trading

ii. List of Industry Employer

Other related industries with respect to employment opportunities are:

- Education
- Manufacturing

8. CAREER ADVANCEMENT

There is no typical career path in interior decoration, as progression depends on the type and size of organisation. In general, there will be more career development opportunities with larger employers. Career development opportunities may include taking on responsibility for a larger area of the business, which could include operations, marketing, facilities development and project management. Career progression often involves taking on a more strategic role.

9. SOURCES OF ADDITIONAL INFORMATION

- **Local Organisations**

- Malaysian Institute of Interior Designers (MIID)
C3-3A-10, Solaris Dutamas.
No 1, Jalan Dutamas 1.
50480 Kuala Lumpur.
Tel. : +6 03 6411 6801
Fax : +6 03 6411 6802
Email : info@miid.org.my
- Malaysian Interior Industry Partner Association (MIIPA)
No. 9-1-6, Jalan 3/109F
Danau Desa, Jalan Kelang Lama,
58100 Kuala Lumpur, Malaysia
Tel : +603 7982 4668
Fax : +603 7982 1648

- **International Organisations**

- International of Interior Design Association (IIDA)
222 W Merchandise Mart Plaza Ste 567
Chicago, IL, United States
Tel : (312) 467-1950

10. ACKNOWLEDGEMENT

The Director General of DSD would like to extend his gratitude to the organisations and individuals who have been involved in developing this standard; especially members of Standard Technical Evaluation Committee (STEC) for validated this document.

PANEL PENILAI		
1.	Dato' Ir Rohaizi Mat Jusoh	General Manager Bahagian Personel Binaan, CIDB
2.	Sr. Azizah Mohd Yusoff	Senior Manager Bahagian Personel Binaan, CIDB
3.	Pn. Nurul Zuraikha Binti Muhatar	Trainer Institut Kemahiran Belia Negara (IKBN) Kuala langat

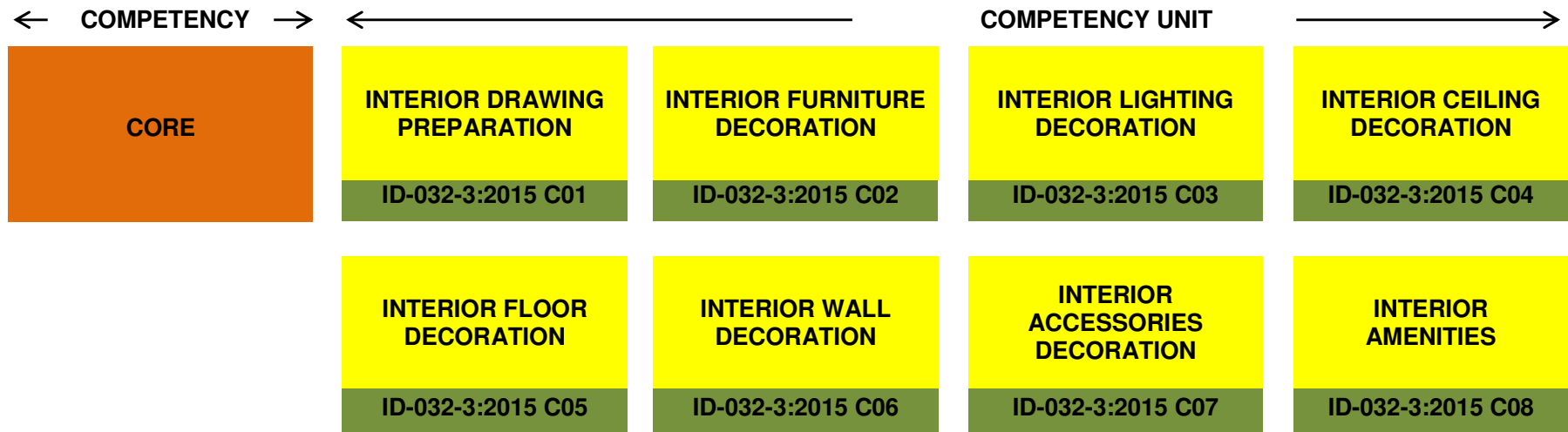
**11. COMMITTEE MEMBERS FOR DEVELOPMENT OF STANDARD PRACTICE (SP),
COMPETENCY PROFILE CHART (CPC), COMPETENCY PROFILE (CP) AND
CURRICULUM of COMPETENCY UNIT (CoCU)**

INTERIOR DECORATION – LEVEL 3

PANEL		
1.	Prof. Madya Abdul Rahim Bin Awang	Lecture Fakulti Senibina Perancangan & Ukur Universiti Teknologi Mara
2.	En. Amir Azizi Bin Sanip	Interior Project Manager Ideation Sdn Bhd
3.	Pn. Halimah Sheikh Bin Mohamed	Interior Designer First Space Interior Sdn Bhd
4.	En. Sazali Bin Puteh Mahadi	Trainer Perbadanan Hal Ehwal Bekas Angkatan Tentera (PERHEBAT)
5.	En. Salbina Bin Murat	Trainer Akademi Binaan Malaysia
6.	En. Ismail Bin Wasli	Trainer Akademi Binaan Malaysia
7.	Cik. Nur Hidayah Binti Mohd Sukhami	Trainer Institut Kemahiran Belia Negara (IKBN) Kuala Langat
8.	En. Mohd Salihin Bin Saidin	Trainer Akedemi Binaan Malayia
9.	En. Azlan Bin Ismail	Trainer Perbadanan Hal Ehwal Bekas Angkatan Tentera (PERHEBAT)
FACILITATOR		
1.	En. Khairul Anuar Bin Yahya	Adimega Sdn Bhd

COMPETENCY PROFILE CHART (CPC)

SECTOR	INTERIOR DECOR		
SUB SECTOR	INTERIOR SERVICES		
JOB AREA	INTERIOR DECORATION		
NOSS TITLE	INTERIOR DECORATION		
JOB LEVEL	THREE (3)	NOSS CODE	ID-032-3:2015



COMPETENCY PROFILE (CP)

Sector	INTERIOR DECOR			
Sub-Sector	INTERIOR SERVICES			
Job Area	INTERIOR DECORATION			
NOSS Title	INTERIOR DECORATION			
Level	THREE (3)			
CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
1. Interior Drawing Preparation	ID-032-3:2015 C01	<p>Interior drawing preparation are made according to a set of conventions, which include particular views (floor plan, section etc.), sheet sizes, units of measurement and scales, annotation and cross referencing</p> <p>The person who is competent in this interior drawing preparation shall be able to carry out interior site inspection, prepare drawing tools and materials, carry out interior drawing and prepare sample board according to customer requirement</p> <p>The outcome of this competency is to perform interior drawing preparation according to customer requirement</p>	<p>1. Carry out interior site inspection</p> <p>2. Prepare drawing tools and materials</p>	<p>1.1 Layout plan interpreted</p> <p>1.2 Existing service location identified according to layout plan</p> <p>1.3 Site condition such as access to site and existing site condition checked according to layout plan</p> <p>1.4 Site surrounding such as adjacent space/room checked according to layout plan</p> <p>1.5 Project site measured according to layout plan</p> <p>1.6 Site photo such as actual space and site surrounding snapped</p> <p>2.1 Finalise scaled presentation drawing interpreted according to layout plan</p> <p>2.2 Type of drawing techniques such as manual drafting and</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
			<p>3. Carry out interior drawing</p> <p>4. Prepare sample board</p>	<p>drawing, computer generated drafting and drawing determined</p> <p>2.3 Types of drawing materials and tools selected</p> <p>3.1 Design idea interpreted according to customer requirements</p> <p>3.2 Types interior drawing such as two dimensional (2D) and three dimensional (3D) determined according to customer requirements</p> <p>3.3 Drawing tools, materials and equipment utilised</p> <p>3.4 Drawing methods and techniques applied</p> <p>3.5 Drawing produced and submitted for approval</p> <p>4.1 Sample board materials and tools selected</p> <p>4.2 Sample board drawing location recognised</p> <p>4.3 Sample board presentation drawing collected</p> <p>4.4 Materials and fitting sample collected</p> <p>4.5 Sample board presentation method such as manual or digital applied</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
2. Interior furniture decoration	ID-032-3:2015 C02	<p>Interior furniture decoration is to create a color palette, choose fabrics and furnishings, plan furniture arrangement and choose accessories for the space</p> <p>The person who is competent in this interior furniture decoration shall be able to arrange living area furniture, built in furniture, kitchen area furniture, bedroom furniture and activity room furniture according to customer requirement</p> <p>The outcome of this competency is to perform interior furniture decoration according to customer requirement</p>	<p>1. Arrange loose furniture</p> <p>2. Arrange built in furniture</p>	<p>1.1 Loose furniture location identified according to layout plan in interior space</p> <p>1.2 Various function of loose furniture identified</p> <p>1.3 Style of loose furniture such as modern, contemporary, historical and eclectic identified according to customer requirement</p> <p>1.4 Types of loose furniture such as chair, table, sofa, settee, work station, storage rack, bed, etc. identified according to customer requirement</p> <p>1.5 Colour scheme of loose furniture identified according to customer requirement</p> <p>1.6 Material of loose furniture identified according to customer requirement</p> <p>2.1 Built in furniture location identified according to layout plan in interior space</p> <p>2.2 Various function of built in furniture identified</p> <p>2.3 Style of built in furniture such as modern, contemporary, historical and eclectic identified according to customer requirement</p> <p>2.4 Types of built in furniture such as kitchen cabinet,</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
				<p>office cabinet, counter, wardrobe, etc. identified according to customer requirement</p> <p>2.5 Colour scheme of built in furniture identified according to customer requirement</p> <p>2.6 Material of built in furniture identified according to customer requirement</p>
3. Interior lighting decoration	ID-032-3:2015 C03	<p>Interior lighting decoration is to plan lighting arrangement and concerned with the design</p> <p>The person who is competent in this interior lighting decoration shall be able to position ceiling lighting and wall lighting, position floor lighting and position table lamps according to customer requirement</p> <p>The outcome of this competency is to perform interior lighting decoration according to customer requirement</p>	<p>1. Position ceiling lighting</p> <p>2. Position wall lighting</p>	<p>1.1 Ceiling lighting location identified according to layout plan</p> <p>1.2 Types of ceiling lighting such as florescent, down light, chandelier, etc. identified according to customer requirement</p> <p>1.3 Ambiance of lighting identified according to customer requirement</p> <p>1.4 Material of ceiling lighting identified according to customer requirement</p> <p>2.1 Wall lighting location identified according to layout plan</p> <p>2.2 Ambiance of wall lighting identified according to customer requirement</p> <p>2.3 Material of wall lighting identified according to customer requirement</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
			<p>3. Position floor lighting</p> <p>4. Position table lamps</p>	<p>3.1 Floor lighting location identified according to layout plan</p> <p>3.2 Types of floor lighting such as up light, standing lamp, etc. identified according to customer requirement</p> <p>3.3 Ambiance of floor lighting identified according to customer requirement</p> <p>3.4 Material of floor lighting identified according to customer requirement</p> <p>4.1 Table lamps location identified according to layout plan</p> <p>4.2 Ambiance of table lamps identified according to customer requirement</p> <p>4.3 Material of lighting identified according to customer requirement</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
4. Interior ceiling decoration	ID-032-3:2015 C04	<p>Interior ceiling decoration is to coordinate ceiling installation and selection of the design</p> <p>The person who is competent in this interior ceiling decoration shall be able to coordinate interior fix ceiling installation, coordinate demountable ceiling installation according to customer requirement</p> <p>The outcome of this competency is to perform interior ceiling decoration according to customer requirement</p>	<p>1. Coordinate fix ceiling installation</p> <p>2. Coordinate demountable ceiling installation</p>	<p>1.1 Fix ceiling location identified according to layout plan</p> <p>1.2 Material of fix ceiling fibrous, fibre cement, gypsum, timber and metal identified according to customer requirement</p> <p>1.3 Types of interior fix ceiling finishes such as wall covering, paint, panelling, coating, etc. identified according to customer requirement</p> <p>2.1 Demountable ceiling location identified according to layout plan</p> <p>2.2 Material of demountable ceiling such as fibrous, fibre cement, gypsum, timber, metal, etc. identified according to customer requirement</p> <p>2.3 Types of demountable ceiling finishes such as paint, panelling, coating etc. identified according to customer requirement</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
5. Interior floor decoration	ID-032-3:2015 C05	<p>Interior floor decoration is to composition of floor and concerned with the design</p> <p>The person who is competent in this interior floor decoration shall be able to carry out tiles composition, carry out timber flooring composition, carry out carpet composition, carry out natural stone flooring composition, carry out floor glass composition and carry out vinyl flooring composition according to customer requirement</p> <p>The outcome of this competency is to perform interior floor decoration according to customer requirement</p>	<p>1. Carry out tiles composition</p> <p>2. Carry out timber flooring composition</p> <p>3. Carry out carpet composition</p>	<p>1.1 Types of tiles such as porcelain, ceramic, terracotta, mosaic and terrazzo identified according to customer requirement</p> <p>1.2 Interior tiles location identified according to layout plan</p> <p>1.3 Tiles design such as colour scheme, motif/pattern, etc. identified according to customer requirement</p> <p>2.1 Types of timber flooring, parquet, laminated timber, solid timber, engineered wood, etc. identified according to customer requirement</p> <p>2.2 Interior timber flooring location identified according to layout plan</p> <p>2.3 Timber flooring design such as colour scheme, motif/pattern identified according to customer requirement</p> <p>3.1 Types of carpet rug, carpet tiles, wall to wall/ contract identified according to customer requirement</p> <p>3.2 Interior carpet location identified according to layout plan</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
			<p>4. Carry out natural stone flooring composition</p> <p>5. Carry out floor glass composition</p> <p>6. Carry out vinyl flooring composition</p>	<p>3.3 Carpet design such as colour scheme, motif/pattern, etc. identified according to customer requirement</p> <p>4.1 Types of natural stone flooring such as marble, pebble wash, slate, etc. according to customer requirement</p> <p>4.2 Interior natural stone flooring location identified according to layout plan</p> <p>4.3 Natural stone flooring design such as colour scheme, motive/pattern such as identified according to customer requirement</p> <p>5.1 Types of floor glass such as tempered & laminated identified according to customer requirement</p> <p>5.2 Floor glass location identified according to layout plan</p> <p>5.3 Floor glass design colour scheme motive/pattern identified according to customer requirement</p> <p>6.1 Types of vinyl flooring such as vinyl tiles, seamless vinyl, etc. identified</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
				<p>according to customer requirement</p> <p>6.2 Interior vinyl flooring location identified according to layout plan</p> <p>6.3 Vinyl flooring design such as colour scheme, motif/pattern identified according to customer requirement</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
6. Interior wall decoration	ID-032-3:2015 C06	<p>Interior wall decoration is to coordinate wall installation and concerned with the design</p> <p>The person who is competent in this interior wall decoration shall be able to coordinate drywall finishes installation, glass wall finishes installation and brick wall finishes installation according to customer requirement</p> <p>The outcome of this competency is to perform interior wall decoration according to customer requirement</p>	<p>1. Coordinate drywall finishes installation</p> <p>2. Coordinate glass wall finishes installation</p> <p>3. Coordinate brick wall finishes installation</p>	<p>1.1 Wall location identified according to layout plan</p> <p>1.2 Types of wall finishes such as wall covering, paint, panelling, coating, etc. identified according to customer requirements</p> <p>1.3 Colour scheme of wall identified according to customer requirement</p> <p>2.1 Wall location identified according to layout plan</p> <p>2.2 Types of glass wall finishes such as tinted, tempered, laminated, coating, decorative glass, sandblast, etc. identified according to customer requirement</p> <p>2.3 Colour scheme of wall identified according to customer requirement</p> <p>3.1 Wall location identified according to layout plan</p> <p>3.2 Types of brick wall finishes such as wall covering, paint, panelling and coating identified according to customer requirement</p> <p>3.3 Colour scheme of wall identified according to customer requirement</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
7. Interior accessories decoration	ID-032-3:2015 C07	<p>Interior accessories decoration is to create a color palette with accessories and choose accessories for the space</p> <p>The person who is competent in this interior accessories decoration shall be able to position window finishing, carry out art work arrangement, carry out decorative item arrangement, coordinate toilet fitting according to customer requirement</p> <p>The outcome of this competency is to perform interior accessories decoration according to customer requirement</p>	<p>1. Position window finishing</p> <p>2. Carry out art work arrangement</p> <p>3. Carry out decorative item arrangement</p>	<p>1.1 Types of windows finishing such as blind and curtain identified according to customer requirement</p> <p>1.2 Windows finishing location identified according to layout plan</p> <p>1.3 Windows finishing material identified according to customer requirement</p> <p>1.4 Windows finishing design such as colour scheme, motif/pattern identified according to customer requirement</p> <p>2.1 Art work location identified according to layout plan</p> <p>2.2 Art work material identified according to customer requirement</p> <p>2.3 Style of art work such as painting, picture, mural, structure identified according to customer requirement</p> <p>2.4 Art work design such as colour scheme and motif/pattern identified according to customer requirement</p> <p>3.1 Types of decorative item such as frame, vase, floral, mirror and soft furnishes</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
			4. Coordinate toilet fitting	<p>identified according to customer requirement</p> <p>3.2 Decorative item location identified according to layout plan</p> <p>3.3 Decorative item material identified according to customer requirement</p> <p>3.4 Decorative item design such as colour scheme, motif/pattern identified according to customer requirement</p> <p>4.1 Types of toilet fitting such as bath tub, water closet, taps, Jacuzzi, mirror, toiletries, urinal, water closet shower and wash hand basin identified</p> <p>4.2 Toilet fitting location identified according to layout plan</p> <p>4.3 Concept of toilet fitting such as modern, contemporary, historical and eclectic identified according to customer requirement</p> <p>4.4 Colour scheme of toilet fitting identified according to customer requirement</p> <p>4.5 Material of toilet fitting identified according to customer requirement</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
8. Interior amenities	ID-032-3:2015 C08	<p>Interior amenities is to arrange amenities positioning and create a color palette and design with amenities</p> <p>The person who is competent in this interior amenities shall be able to carry out air conditioning positioning, electrical switches & socket outlet positioning, ICT positioning, security system positioning according to customer requirement</p> <p>The outcome of this competency is to perform interior amenities positioning according to customer requirement</p>	<p>1. Carry out air conditioning positioning</p> <p>2. Carry out electrical switches & socket outlet positioning</p> <p>3. Carry out Information Communication Technology (ICT) positioning</p>	<p>1.1 Types of air conditioning such as cassette and split unit identified</p> <p>1.2 Air conditioning location identified according to layout plan</p> <p>1.3 Air conditioning functionality identified according to manufacturer manual</p> <p>1.4 Air conditioning design such as colour scheme and motif/pattern identified according to customer requirement</p> <p>2.1 Electrical switches & socket outlet location identified according to layout plan</p> <p>2.2 Electrical switches & socket outlet material identified according to customer requirement</p> <p>2.3 Electrical switches & socket outlet design such as colour scheme and motif/pattern identified according to customer requirement</p> <p>3.1 ICT location identified according to layout plan</p> <p>3.2 Types of ICT such as telephone, fax and internet identified</p>

CU Title	CU Code	CU Descriptor	CU Work Activities	Performance Criteria
			<p>4. Carry out security system positioning</p> <p>5. Carry out safety system positioning</p>	<p>4.1 Types of security system such as alarm, CCTV, grill and motion sensor identified according to customer requirement</p> <p>4.2 Security system location identified according to layout plan and customer requirement</p> <p>4.3 Security system design scheme such as colour scheme and motif/pattern identified</p> <p>5.1 Types of safety system such as disable access, barrier free, fire protection identified according to customer requirement</p> <p>4.4 Safety system location organised according to layout plan and customer requirement</p>

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR DRAWING PREPARATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior drawing preparation in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Carry out interior site inspection • Prepare drawing tools and materials • Carry out interior drawing • Prepare sample board 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C01	LEVEL	3	TRAINING DURATION	480	SKILL CREDIT	48
Work Activities	Related Knowledge	Related Skills		Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
1. Carry out interior site inspection	i. Layout plan specification such as:- <ul style="list-style-type: none"> • Scale • Dimension • Symbol • Architecture elements <ul style="list-style-type: none"> - Wall - Structure - Ceiling - Floor • Interior finishing <ul style="list-style-type: none"> - Wall 	i. Interpret layout plan specification ii. Identify existing service location iii. Check site condition iv. Check site surrounding v. Measure project site vi. Record site information		<u>Attitude:</u> i. Meticulous in interpreting layout plan ii. Proactive in gathering job information iii. Resourceful in identifying customer requirements <u>Safety</u>	<u>Related Knowledge</u> 14 <u>Related Skill</u> 34	Lecture & Discussion Demonstration & Observation Practical	i. Layout plan specification listed and explained ii. Existing service location listed and explained iii. Site condition and surrounding explained iv. Measurement

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - Floor - Ceiling ii. Existing service location such as:- <ul style="list-style-type: none"> • Electrical • Plumbing • Security • Fire fighting • Information Communication Technology • Air conditioning iii. Site condition and surrounding <ul style="list-style-type: none"> • Access to site • Safety condition • Defect identification • Adjacent space/ room iv. Measurement unit <ul style="list-style-type: none"> • Metric • Imperial v. Measurement tools such as:- <ul style="list-style-type: none"> • Measuring tape • Digital distance measuring device vi. Site information recording method <ul style="list-style-type: none"> • Photo • Video 		<ul style="list-style-type: none"> i. Adhere to safety procedure 			<ul style="list-style-type: none"> unit explained v. Measurement tools listed vi. Site information recording method explained vii. Layout plan specification viii. Site condition inspected according to layout plan ix. Site surrounding inspected according to layout plan x. Project site measurement demonstrated according to layout plan vii. Site information updated

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
2. Prepare drawing tools and materials	i. Types of drawing techniques such as:- <ul style="list-style-type: none"> • Manual drafting • Computer drafting ii. Types of drawing tools and materials such as:- <ul style="list-style-type: none"> • Manual draft <ul style="list-style-type: none"> - Scale ruler - T square - Set square - Drawing pencil - Drawing pen - Drafting board - Tracing paper • Computer draft <ul style="list-style-type: none"> - Software <ul style="list-style-type: none"> ▪ CAD - Hardware <ul style="list-style-type: none"> ▪ Computer ▪ Printer/plotter ▪ Paper 	i. Interpret finalise drawing ii. Determine types of drawing techniques iii. Arrange drawing tools and materials	<u>Attitude:</u> i. Systematic in arranging drawing tools and materials <u>Safety</u> i. Not Applicable	<u>Related Knowledge</u> 7 <u>Related Skill</u> 17	Lecture & Discussion Demonstration & Observation Practical	i. Types of drawing techniques listed and explained ii. Types of drawing materials and tools listed iii. Drawing tools and materials organised according types of drawing techniques

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
3. Carry out interior drawing	i. Interior concept such as:- <ul style="list-style-type: none"> • Modern • Historical • Eclectic • Contemporary ii. Types of interior drawing such as <ul style="list-style-type: none"> • Two dimensional (2D) • Three dimensional (3D) iii. Drawing methods and techniques <ul style="list-style-type: none"> • Three point perspective • Rendering <ul style="list-style-type: none"> - Black and white - Colour 	i. Interpret design idea ii. Select interior drawing iii. Utilise drawing tools, equipment and materials iv. Apply drawing methods and techniques v. Produce drawing for approval	<u>Attitude:</u> i. Creative in interpreting design idea ii. Resourceful in utilising drawing tools, equipment and materials <u>Safety</u> i. Not Applicable	<u>Related Knowledge</u> 101 <u>Related Skill</u> 235	Lecture & Discussion Demonstration & Observation Practical	i. Interior concept listed and explained ii. Types of interior drawing listed iii. Drawing methods and techniques demonstrated
4. Prepare sample board	i. Sample board tools and materials such as:- <ul style="list-style-type: none"> • Curtain • Wallpaper • Catalogue • Carpet • Mounting board • Cuter • Ruler ii. Sample board presentation method such as:- <ul style="list-style-type: none"> • Manual <ul style="list-style-type: none"> - Arrangement 	i. Select sample board tools and materials ii. Collect materials and fitting sample iii. Apply sample board presentation method	<u>Attitude:</u> i. Meticulous in preparing sample board <u>Safety</u> i. Not Applicable	<u>Related Knowledge</u> 22 <u>Related Skill</u> 50	Lecture & Discussion Demonstration & Observation Practical	i. Sample board tools and materials listed ii. Sample board presentation method explained iii. Select sample board tools and materials iv. Sample board presentation method demonstrated

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - Mounting - Scan • Digital 					

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none">1. Communication skills2. Conceptual skills3. Interpersonal skills4. Learning skills5. Leadership skills6. Multitasking and prioritising7. Self-discipline8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Measuring tape	1:1
2. Digital distance measuring device	1:10
3. Video recording equipment (camera, video)	1:10
4. Computer	1:2
5. Software (CAD)	1:2
6. Printer	1:10
7. Plotter	1:25
8. Scale ruler	1:1
9. T square	1:1
10. Set square	1:1
11. Drawing tools (pencil, pen, etc.)	1:1
12. Drafting board	1:1
13. Paper (tracing paper, butter paper, etc.)	As required
14. Sample board (curtain, wallpaper, catalogue, carpet, mounting board, cutter, ruler)	As required

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderricksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR FURNITURE DECORATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior furniture decoration in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Arrange loose furniture • Arrange built in furniture 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C02	LEVEL	3	TRAINING DURATION	160	SKILL CREDIT	16
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental		Training Hours	Delivery Mode	Assessment Criteria
1. Arrange loose furniture	i. Loose furniture location such as:- <ul style="list-style-type: none"> • Receptionist • Living • Dining ii. Concept of loose furniture such as:- <ul style="list-style-type: none"> • Modern • Contemporary • Historical • Eclectic iii. Types and function of loose furniture such	i. Interpret interior drawing plan ii. Identify loose furniture location iii. Identify types and function of loose furniture iv. Identify colour scheme of loose furniture v. Identify material of loose furniture vi. Interpret assembly instruction vii. Confirm position of	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in assembling loose furniture <u>Safety</u> i. Adhere to safety procedure		<u>Related Knowledge</u> 24 <u>Related Skill</u> 56	Lecture & Discussion Demonstration & Observation Practical	i. Loose furniture location listed ii. Concept of loose furniture listed and explained iii. Types and function of loose furniture listed iv. Colour scheme of loose furniture

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	as:- <ul style="list-style-type: none"> • Chair • Table • Sofa • Settee • Work station • Storage rack • Bed iv. Colour scheme of loose furniture v. Material of loose furniture vi. Assembly instruction vii. Tools and materials such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Cordless drill - Allen key - Hammer • Material <ul style="list-style-type: none"> - Bolt and nut - Screw - Wood dowel viii. Loose furniture installation procedure	loose furniture viii. Utilise tools and materials ix. Assemble loose furniture x. Confirm position of loose furniture				explained v. Material of loose furniture explained vi. Assembly instruction explained vii. Tools and material listed viii. Tools and materials utilisation demonstrated ix. Loose furniture installation procedure described x. Loose furniture assembling demonstrated
2. Arrange built in furniture	i. Style of built in furniture such as:- <ul style="list-style-type: none"> • Modern • Contemporary • Historical • Eclectic ii. Types and function of	i. Interpret interior drawing plan ii. Identify built in furniture location iii. Identify style of built in furniture iv. Identify types and function of built in	<u>Attitude:</u> i. Meticulous in interpreting drawing plan ii. Resourceful in assembling loose furniture	<u>Related Knowledge</u> 24 <u>Related Skill</u>	Lecture & Discussion Demonstration & Observation	i. Style of built in furniture listed ii. Types and function of built in furniture listed iii. Colour

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<p>built in furniture such as:-</p> <ul style="list-style-type: none"> • Kitchen cabinet • Office cabinet • Counter • Wardrobe <p>iii. Colour scheme of built in furniture</p> <p>iv. Material of built in furniture</p> <p>v. Tools, equipment and material such as:-</p> <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Cordless drill - Impact drill - Stapler gun - Nail gun - Jigsaw • Equipment <ul style="list-style-type: none"> - Air compressor - Jigs • Material <ul style="list-style-type: none"> - Filler - Wall plug - Sealant - Bolt and nut - Screw - L Bracket <p>vi. Built in furniture installation procedure</p>	<p>furniture</p> <p>v. Identify colour scheme of built in furniture</p> <p>vi. Identify material of built in furniture</p> <p>vii. Confirm position of built in furniture</p> <p>viii. Select tools, equipment and material</p> <p>ix. Assemble built in furniture</p> <p>x. Follow built in installation procedure</p> <p>xi. Check built in installation quality</p>	<p><u>Safety</u></p> <p>i. Adhere to safety procedure</p>	56	Practical	<p>scheme of built in furniture explained</p> <p>iv. Material of built in furniture explained</p> <p>v. Tools, equipment and material listed</p> <p>vi. Built in furniture installation procedure explained</p> <p>xii. Tools, equipment and material utilisation demonstrated</p> <p>xiii. Built in furniture Assembling demonstrated</p> <p>xiv. Built in installation quality inspected</p>

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none">1. Communication skills2. Conceptual skills3. Interpersonal skills4. Learning skills5. Leadership skills6. Multitasking and prioritising7. Self-discipline8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Loose furniture (Chair, Table, Work station, Storage rack, Bed, etc.)	1:10
2. Built in furniture (Kitchen Cabinet, Office Cabinet, Counter, Wardrobe, etc.)	1:10
3. Assembly instruction	1:1
4. Air compressor	1:25
5. Impact drill	1:25
6. Cordless drill	1:10
7. Stapler gun	1:10
8. Nail gun	1:10
9. Hammer	1:10
10. Mallet	1:10
11. Jigsaw	1:10
12. Assembly jigs	1:10
13. Measuring tape	1:1
14. Vernier calliper	1:10
15. Marking gauge	1:10
16. L-square	1:1
17. Steel ruler	1:1
18. Clamps	1:10
19. Allen key	1:10
20. Wood dowel	As required
21. Filler	As required
22. Wall plug	As required
23. Sealant	As required
24. Adhesive	As required
25. Screw	As required
26. Bolt and nut	As required
27. L Bracket	As required
28. Personal Protective Equipment (PPE)	1:1

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderriksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	RESIDENTIAL INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR LIGHTING DECORATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior lighting decoration in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Position ceiling lighting • Position wall lighting • Position floor lighting • Position table lamps 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C03	LEVEL	3	TRAINING DURATION	160	SKILL CREDIT	16
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1. Position ceiling lighting	i. Types of ceiling lighting such as:- <ul style="list-style-type: none"> • Down light • Pendaflour/ fluorescent • Chandelier ii. Ambiance of lighting <ul style="list-style-type: none"> • Day light • Warm light iii. Types of lamp such as:- <ul style="list-style-type: none"> • LED • Incandescent lamp 	i. Interpret interior drawing plan ii. Identify ceiling lighting location iii. Identify types of ceiling lighting iv. Identify ambiance of lighting v. Arrange tools, equipment and materials for wiring vi. Fix ceiling lighting at position	<u>Attitude:</u> <ul style="list-style-type: none"> i. Meticulous in interpreting interior drawing plan ii. Resourceful in fixing ceiling lighting at position <u>Safety</u> <ul style="list-style-type: none"> i. Adhere to safety 	<u>Related Knowledge</u> 17 <u>Related Skill</u> 39	Lecture & Discussion Demonstration & Observation Practical	i. Types of ceiling lighting listed ii. Ambiance of lighting iii. Types of lamp listed iv. Types of single and three phase wiring listed v. Single and three phase drawing components listed	

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Florescent lamp • Gas-discharge lamp iv. Regulatory bodies such as:- <ul style="list-style-type: none"> • Institute of Electrical Engineers (IEE) regulations • Malaysian Standard-International Electro Technical Commission (MS-IEC) v. Types of single and three phase wiring such as:- <ul style="list-style-type: none"> • Surface wiring • Conduit wiring • Trunking wiring • Concealed wiring vi. Single and three phase drawing components such as:- <ul style="list-style-type: none"> • Electrical symbols • Circuit • Measurements • Schematic diagram • Colour coding vii. Types of ceiling materials such as:- <ul style="list-style-type: none"> • Fixed ceiling • Demountable ceiling viii. Types of materials for single and three phase wiring such as:-	vii. Check ceiling lighting installation quality	procedure			vi. Types of ceiling materials listed vii. Types of materials for single and three phase wiring listed viii. Types of tools for single and three phase wiring listed ix. Ceiling lighting installation procedure explained x. Ceiling lighting installation quality explained xi. Tools, equipment and materials for wiring organised xii. Lighting fixing demonstrated xiii. Ceiling lighting installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Single and Double insulated cable • PVC tape • Connector • Trunking accessories • Conduit accessories <ul style="list-style-type: none"> - Galvanised Iron (GI) - Poly Vinyl Chloride (PVC) • Main switch • Moulded Cases Circuit Breaker (MCCB)/ Miniature Circuit Breaker (MCB) • Residual Current Circuit Breaker (RCCB) • Isolator • Switch <ul style="list-style-type: none"> - Dimmer - One way - Two way - Intermediate - Sensor - Remote control • Fuse • Distribution board ix. Types of tools for single and three phase wiring such as:- <ul style="list-style-type: none"> • Measuring tape 					

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Power tool sets • Ladder • Spirit level • Electrical tool sets <ul style="list-style-type: none"> - Multi meter test pen - Clamp meter - Clamp cable x. Ceiling lighting installation procedure xi. Ceiling lighting installation quality <ul style="list-style-type: none"> • Neatness • Functionality 					
2. Position wall lighting	<ul style="list-style-type: none"> i. Types of wall lighting such as:- <ul style="list-style-type: none"> • Wash light • Down light • Up light • Trout light ii. Ambiance of wall lighting <ul style="list-style-type: none"> • Day light • Warm light iii. Types of tools for wall lighting installation such as:- <ul style="list-style-type: none"> • Impact drill • Cordless drill • Wire cutter • Spirit level/ water level • Screw driver set 	<ul style="list-style-type: none"> i. Interpret interior drawing plan ii. Identify wall lighting location iii. Identify ambiance of lighting iv. Arrange materials, tools and equipment for wiring v. Fix wall lighting at position vi. Check wall lighting installation quality 	<p><u>Attitude:</u></p> <ul style="list-style-type: none"> i. Meticulous in interpreting interior drawing plan ii. Resourceful in fixing wall lighting at position <p><u>Safety</u></p> <ul style="list-style-type: none"> i. Adhere to safety procedure 	<p><u>Related Knowledge</u></p> <p>17</p> <p><u>Related Skill</u></p> <p>39</p>	<p>Lecture & Discussion</p> <p>Demonstration & Observation</p> <p>Practical</p>	<ul style="list-style-type: none"> i. Types of wall lighting listed ii. Ambiance of wall lighting explained iii. Types of tools for wall lighting installation listed iv. Material of wall light fitting listed v. Wall lighting installation procedure explained vi. Ceiling lighting installation quality explained vii. Materials, tools and equipment for wiring

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Test pen iv. Material of wall light fitting such as:- <ul style="list-style-type: none"> • Metal • Glass • Acrylonitrile Butadiene Styrene (ABS) • Polyurethane (PU) • Polyethylene (PE) • Wood • Stone • Fiberglass v. Wall lighting installation procedure vi. Ceiling lighting installation quality <ul style="list-style-type: none"> • Neatness • Functionality 					organised viii. Lighting fixed at position demonstrated ix. Wall lighting installation quality inspected
3. Position floor lighting	i. Types of floor lighting such as:- <ul style="list-style-type: none"> • Standing lamp • Embedded lighting ii. Ambiance of floor <ul style="list-style-type: none"> • Day light • Warm light iii. Material of floor lighting <ul style="list-style-type: none"> • Metal • Glass • ABS • PU • PE • Wood 	i. Identify floor lighting location ii. Identify types of floor lighting iii. Arrange tools equipment and materials iv. Place floor lighting at position v. Check floor lighting installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in placing floor lighting at position <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 10 <u>Related Skill</u> 22	Lecture & Discussion Demonstration & Observation Practical	i. Types of floor lighting listed ii. Ambiance of floor explained iii. Material of floor lighting listed iv. Shade dimension explained v. Floor lighting installation procedure explained vi. Floor lighting installation

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Stone • Fiberglass • Fabric iv. Shade dimension <ul style="list-style-type: none"> • Measure from floor to bottom of shade v. Floor lighting installation procedure vi. Floor lighting installation quality <ul style="list-style-type: none"> • Neatness • Functionality 					quality explained vii. Tools equipment and materials organised viii. Floor lighting placed at position ix. Floor lighting installation quality inspected
4. Position table lamps	i. Ambiance of table lamps <ul style="list-style-type: none"> • Day light • Warm light ii. Assembly drawing iii. Tools and materials such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Cordless drill - Allen key • Material <ul style="list-style-type: none"> - Bolt and nut - Screw iv. Materials of table lamp such as:- <ul style="list-style-type: none"> • Metal • Glass • ABS • PU • PE • Wood 	i. Identify table lamps location ii. Identify ambiance of table lamps iii. Identify material of lighting iv. Arrange tools equipment and materials v. Place table lamp at position vi. Check table lamp assemble quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in placing table lamp at position <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 5 <u>Related Skill</u> 11	Lecture & Discussion Demonstration & Observation Practical	i. Ambiance of table lamps explained ii. Assembly drawing explained iii. Tools and materials listed iv. Materials of table lamp listed v. Shade dimension explained vi. Table lamp placement criteria explained vii. Table lamp placed at position viii. Table lamp assemble quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Stone • Fiberglass • Fabric v. Shade dimension <ul style="list-style-type: none"> • Measure from table to shade bottom vi. Table lamp placement criteria <ul style="list-style-type: none"> • Neatness • Functionality 					

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none">1. Communication skills2. Conceptual skills3. Interpersonal skills4. Learning skills5. Leadership skills6. Multitasking and prioritising7. Self-discipline8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Ceiling light (down light, pendaflour/ fluorescent, chandelier, etc.)	1:5
2. Wall light	1:5
3. Floor light	1:5
4. Table lamp	1:5
5. Single and Double insulated cable	As required
6. PVC tape	As required
7. Connector	As required
8. Trunking accessories	As required
9. Conduit accessories (Galvanised Iron (GI), Poly Vinyl Chloride (PVC))	As required
10. Main switch	As required
11. Moulded Cases Circuit Breaker (MCCB)/ Miniature Circuit Breaker (MCB)	As required
12. Residual Current Circuit Breaker (RCCB)	As required
13. Isolator	As required
14. Switch(Dimmer ,One way, Two way, Intermediate ,Sensor, Remote control)	1:2
15. Fuse	1:1
16. Distribution board	As required
17. Measuring tape	1:1
18. Power tool sets	1:5
19. Ladder	1:5
20. Spirit level/ water level	1:5
21. Multi meter	1:5
22. Test pen	1:1
23. Clamp meter	1:5
24. Clamp cable	1:5
25. Impact drill	As required
26. Cordless drill	As required
27. Wire cutter	1:2
28. Screw driver set	1:5
29. Material (Bolt and nut, Screw)	As required
30. Personal protective equipment (PPE)	1:1

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderriksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	RESIDENTIAL INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR CEILING DECORATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior ceiling decoration in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Coordinate fix ceiling installation • Coordinate demountable ceiling installation 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C04	LEVEL	3	TRAINING DURATION	160	SKILL CREDIT	16
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1. Coordinate fix ceiling installation	i. Fix ceiling installation tools and materials such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Cordless drill - Aviation snip - Laser levelling tools - Ladder - Plastering trowel - Scrapper - Hawk - Measuring tape 	i. Interpret interior drawing plan ii. Identify fix ceiling location iii. Identify types of interior fix ceiling finishes iv. Arrange fix ceiling installation tools and materials v. Organise fix ceiling finishes vi. Check fix ceiling installation quality	<u>Attitude:</u> <ul style="list-style-type: none"> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising fix ceiling installation <u>Safety</u> <ul style="list-style-type: none"> i. Adhere to safety procedure 	<u>Related Knowledge</u> 38 <u>Related Skill</u> 90	Lecture & Discussion Demonstration & Observation Practical	i. Fix ceiling tools and materials listed ii. Types of fix ceiling finishes listed iii. Fix ceiling installation procedure explained iv. Fix ceiling installation quality explained v. Fix ceiling installation tools	

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - Stud crimper • Materials <ul style="list-style-type: none"> - Fibrous - Fibre cement - Gypsum/ mineral - Timber - Metal - Composites • Accessories <ul style="list-style-type: none"> - Dome - Cornice - L-box - Centre panel - Beading - Corbel ii. Types of fix ceiling finishes such as:- <ul style="list-style-type: none"> • Ceiling covering <ul style="list-style-type: none"> - Fabric - Wallpaper • Paint • Panelling <ul style="list-style-type: none"> - Timber - Acrylic - Decorative board iii. Fix ceiling installation procedure iv. Fix ceiling installation quality <ul style="list-style-type: none"> • Neatness 					<p>and materials organised</p> <p>vi. Fix ceiling finishes installation demonstrated</p> <p>vii. Fix ceiling installation quality inspected</p>

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
2. Coordinate demountable ceiling installation	i. Demountable ceiling installation tools and material such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Cordless drill - Aviation snip - Laser levelling tools - Ladle - L-square - Measuring tape • Material <ul style="list-style-type: none"> - Fibrous - Fibre cement - Gypsum/mineral - Main tee - Cross tee - Wall angle - Suspension <ul style="list-style-type: none"> o Bracket o Rod o Clip o Fastener - Galvanise suspension wire 	i. Interpret interior drawing plan ii. Identify demountable ceiling location iii. Identify types of demountable ceiling finishes iv. Arrange demountable ceiling installation tools and materials v. Install demountable ceiling finishes vi. Check demountable ceiling installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising demountable ceiling installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 10 <u>Related Skill</u> 22	Lecture & Discussion Demonstration & Observation Practical	i. Demountable ceiling installation tools and material listed ii. Types of demountable ceiling finishes listed iii. Demountable ceiling installation procedure described iv. Demountable ceiling installation quality explained v. Demountable ceiling installation tools and materials organised vi. Demountable ceiling finishes installation demonstrated vii. Demountable ceiling installation quality inspected

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none">1. Communication skills2. Conceptual skills3. Interpersonal skills4. Learning skills5. Leadership skills6. Multitasking and prioritising7. Self-discipline8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Cordless drill	1:5
2. Aviation snip	1:5
3. Laser levelling tools	1:25
4. Ladder/ scaffolding	1:10
5. Plastering trowel	1:5
6. Scrapper	1:5
7. Hawk	1:5
8. Measuring tape	1:1
9. Stud crimper	1:5
10. Fibrous	As required
11. Fibre cement	As required
12. Gypsum/ mineral	As required
13. Timber	As required
14. Metal	As required
15. Composites	As required
16. Dome	As required
17. Cornice	As required
18. L-box	As required
19. Centre panel	As required
20. Beading	As required
21. Corbel	As required
22. Ceiling covering (Fabric, Wallpaper)	As required
23. Paint	As required
24. Panelling (Timber, Acrylic, Decorative board)	As required
25. L-square	1:10
26. Main tee	As required
27. Cross tee	As required
28. Wall angle	As required
29. Suspension (Bracket, Rod, Clip, Fastener)	As required
30. Galvanise suspension wire	As required
31. Personal protective equipment (PPE)	1:1

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderricksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR FLOOR DECORATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior floor decoration in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Carry out tiles composition • Carry out timber flooring composition • Carry out carpet composition • Carry out natural stone flooring composition • Carry out floor glass composition • Carry out vinyl flooring composition 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C05	LEVEL	3	TRAINING DURATION	240	SKILL CREDIT	24
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1. Carry out tiles composition	i. Types of tools , equipment and material such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Laser levelling tools - L-square - Measuring tape - Spacer - Chalk line 	i. Interpret interior drawing plan ii. Identify tiles location iii. Identify types of tiles iv. Identify tiles design v. Arrange tiles installation tools, equipment and materials vi. Compose tiles	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising tiles installation <u>Safety</u>	<u>Related Knowledge</u> 18 <u>Related Skill</u> 42	Lecture & Discussion Demonstration & Observation	i. Types of tools , equipment and material listed ii. Tiles design listed iii. Tiles installation procedure described iv. Tiles installation quality explained v. Tiles installation	

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - Tiles trowel - Notched trowel - Scraper - Pincer • Equipment <ul style="list-style-type: none"> - Grinder - Tiles cutter - Stirrer - Impact drill • Materials <ul style="list-style-type: none"> - Type of tiles <ul style="list-style-type: none"> o Porcelain o Ceramic o Terracotta o Mosaic o Terrazzo - Tiles accessories <ul style="list-style-type: none"> o Nosing o Skirting o Border - Tiles adhesive - Grout ii. Tiles design such as:- <ul style="list-style-type: none"> • Size • Shape • Colour scheme • Motif/ pattern iii. Tiles installation procedure iv. Tiles installation quality <ul style="list-style-type: none"> • Neatness 	vii. Check tiles installation quality	i. Adhere to safety procedure		Practical	<p>tools and materials organised</p> <p>vi. Tiles composition demonstrated</p> <p>vii. Tiles installation quality inspected</p>

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
2. Carry out timber flooring composition	i. Types of tools, equipment and material such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Laser levelling tools - L-square - Measuring tape - Chalk line - Rubber mallet - Comb hammer - Handsaw - Brush • Equipment <ul style="list-style-type: none"> - Nail gun - Sander - Jigsaw - Circular saw - Chisel - Cordless drill - Planner - Air compressor • Materials <ul style="list-style-type: none"> - Type of timber <ul style="list-style-type: none"> o Solid timber o Engineered wood o Laminated timber o Parquet - Lacquer - Underlay - Filler - Varnish - Adhesive 	i. Interpret interior drawing plan ii. Identify types of timber iii. Identify interior timber flooring location iv. Identify timber flooring design v. Arrange timber flooring installation tools, equipment and materials vi. Compose timber flooring vii. Check timber flooring installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising timber flooring installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 14 <u>Related Skill</u> 34	Lecture & Discussion Demonstration & Observation Practical	i. Types of tools, equipment and material listed ii. Timber flooring design listed iii. Timber flooring installation procedure described iv. Timber flooring installation quality explained v. Timber flooring installation tools, equipment and materials organised vi. Timber flooring composition demonstrated vii. Timber flooring installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - Nail ii. Timber flooring design such as:- <ul style="list-style-type: none"> • Size • Shape • Colour scheme • Motif/pattern iii. Timber flooring installation procedure iv. Timber flooring installation quality <ul style="list-style-type: none"> • Neatness 					
3. Carry out carpet composition	i. Types of tools and materials such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Measuring tape - Carpet kicker - Carpet fitter/ bolster/ chucker - Carpet iron - Brush - Hammer - Carpet roller - Scrapper - Cutter - Scissor • Materials <ul style="list-style-type: none"> - Types of carpet <ul style="list-style-type: none"> o Rug o Carpet tiles o Wall to wall/ contract / 	i. Interior drawing plan ii. Identify types of carpet requirement iii. Identify interior carpet location iv. Identify carpet design v. Arrange carpet installation tools and materials vi. Compose carpet vii. Check carpet installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising carpet installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 14 <u>Related Skill</u> 34	Lecture & Discussion Demonstration & Observation Practical	i. Types of tools and materials listed ii. Types of underlay carpet listed iii. Carpet design explained iv. Carpet installation procedure described v. Carpet installation quality explained vi. Carpet installation tools and materials organised vii. Carpet composition demonstrated viii. Carpet installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> roll <ul style="list-style-type: none"> o Hand tuft - Carpet nosing - Skirting - Adhesive - Carpet gripper - I-bon tape - Concrete nail ii. Types of underlay carpet such as:- <ul style="list-style-type: none"> • Felt • Bonded • Polyurethane form • Rubber • Jut iii. Carpet design such as:- <ul style="list-style-type: none"> • Size • Shape • Colour scheme • Motif/ pattern iv. Carpet installation procedure v. Carpet installation quality <ul style="list-style-type: none"> • Neatness 					

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
4. Carry out natural stone flooring composition	i. Types of tools, equipment and material such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Laser levelling tools - L-square - Measuring tape - Chalk line - Tiles trowel - Notched trowel - Scraper - Pincer • Equipment <ul style="list-style-type: none"> - Grinder - Cutter - Stirrer - Impact drill • Materials <ul style="list-style-type: none"> - Types of natural stone <ul style="list-style-type: none"> o Granite o Marble o Sandstone o Pebble wash o Slate - Accessories <ul style="list-style-type: none"> o Nosing o Skirting o Border - Adhesive - Cement mortar - Grout 	i. Interpret interior drawing plan ii. Identify interior natural stone flooring location iii. Identify types of natural stone flooring iv. Identify natural stone flooring design v. Arrange natural stone installation tools, equipment and materials vi. Compose natural stone flooring vii. Check natural stone flooring installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising natural stone installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 11 <u>Related Skill</u> 25	Lecture & Discussion Demonstration & Observation Practical	i. Types of tools, equipment and material listed ii. Natural stone flooring design listed iii. Natural stone installation procedure described iv. Natural stone installation quality explained v. Natural stone installation tools, equipment and materials organised vi. Natural stone flooring composition demonstrated vii. Natural stone flooring installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	ii. Natural stone flooring design such as:- <ul style="list-style-type: none"> • Size • Shape • Colour scheme • Motive/pattern iii. Natural stone installation procedure iv. Natural stone installation quality <ul style="list-style-type: none"> • Neatness 					
5. Carry out floor glass composition	i. Types of material such as:- <ul style="list-style-type: none"> • Materials <ul style="list-style-type: none"> - Types of floor glass <ul style="list-style-type: none"> o Tempered & laminated o floor glass location ii. Floor glass design <ul style="list-style-type: none"> • Size • Shape • Color • Motive/ pattern iii. Floor glass positioning element <ul style="list-style-type: none"> • Area • Functionality iv. Floor glass installation procedure v. Floor glass installation quality	i. Interpret interior drawing plan ii. Identify types of floor glass iii. Identify floor glass location iv. Identify floor glass design v. Arrange floor glass installation materials vi. Compose floor glass vii. Check floor glass installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising floor glass installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 4 <u>Related Skill</u> 8	Lecture & Discussion Demonstration & Observation Practical	i. Types of material listed ii. Floor glass design explained iii. Floor glass positioning element explained iv. Floor glass installation procedure described v. Floor glass installation quality explained vi. Floor glass installation materials organised vii. Floor glass composition demonstrated viii. Floor glass installation quality

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> Neatness 					inspected
6. Carry out vinyl flooring composition	<p>i. Types of tools, equipment and material such as:-</p> <ul style="list-style-type: none"> Tools <ul style="list-style-type: none"> Measuring tape Groove cutter Hand V-notched trowel Spike roller Moon knife Self-levelling smoothing gauge Equipment <ul style="list-style-type: none"> Welding gun Material <ul style="list-style-type: none"> Types of vinyl flooring such as <ul style="list-style-type: none"> Vinyl tiles Seamless vinyl Accessories <ul style="list-style-type: none"> Nosing Skirting Border Adhesive <p>ii. Vinyl flooring design such as:-</p> <ul style="list-style-type: none"> Size Shape Colour scheme 	<p>i. Interpret interior drawing plan</p> <p>ii. Identify types of vinyl flooring</p> <p>iii. Identify vinyl flooring location</p> <p>iv. Identify vinyl flooring design</p> <p>v. Arrange vinyl flooring installation tools, equipment and materials</p> <p>vi. Compose vinyl flooring</p> <p>vii. Check vinyl flooring installation quality</p>	<p><u>Attitude:</u></p> <p>i. Meticulous in interpreting interior drawing plan</p> <p>ii. Resourceful in organising vinyl flooring installation</p> <p><u>Safety</u></p> <p>i. Adhere to safety procedure</p>	<p><u>Related Knowledge</u></p> <p>11</p> <p><u>Related Skill</u></p> <p>25</p>	<p>Lecture & Discussion</p> <p>Demonstration & Observation</p> <p>Practical</p>	<p>i. Types of tools, equipment and material listed</p> <p>ii. Vinyl flooring design listed</p> <p>iii. Vinyl flooring installation procedure described</p> <p>iv. Vinyl flooring installation quality explained</p> <p>v. Vinyl flooring installation tools, equipment and materials organised</p> <p>vi. Vinyl flooring composition demonstrated</p> <p>vii. Vinyl flooring installation quality inspected</p>

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Motif/pattern iii. Vinyl flooring installation procedure iv. Vinyl flooring installation quality <ul style="list-style-type: none"> • Neatness 					

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none"> 1. Communication skills 2. Conceptual skills 3. Interpersonal skills 4. Learning skills 5. Leadership skills 6. Multitasking and prioritising 7. Self-discipline 8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Laser levelling tools	1:25
2. L-square	1:5
3. Measuring tape	1:1
4. Spacer	As required
5. Chalk line	1:10
6. Tiles trowel	1:5
7. Notched trowel	1:5
8. Scrapper	1:5
9. Pincer	1:10
10. Grinder	1:25
11. Tiles cutter	1:25
12. Stirrer	1:25
13. Impact drill	1:25
14. Polish machine	1:10
15. Tiles (Porcelain, Ceramic, Terracotta, Mosaic, Terrazzo)	As required
16. Tiles accessories (Nosing, Skirting, Border, Tiles adhesive, Grout)	As required
17. Rubber mallet	1:5
18. Comb hammer	1:10
19. Handsaw	1:10
20. Brush	1:10
21. Air compressor	1:25
22. Nail gun	1:25
23. Sander	1:25
24. Jigsaw	1:25
25. Circular saw	1:25
26. Chisel	1:10
27. Cordless drill	1:10
28. Wood planer	1:10
29. Timber (Solid timber, Engineered wood, Laminated timber, Parquet)	As required
30. Lacquer	As required
31. Underlay	As required
32. Filler	As required
33. Varnish	As required

34. Adhesive	As required
35. Nail	As required
36. Carpet kicker	1:25
37. Carpet fitter/ bolster/ chucker	1:10
38. Carpet iron	1:25
39. Carpet roller	As required
40. Scrapper	1:10
41. Cutter	1:10
42. Scissor	1:10
43. Carpet (Rug, Carpet tiles, Wall to wall/ contract / roll, Hand tuft)	As required
44. Carpet accessories (Carpet nosing, Skirting)	As required
45. Carpet gripper	As required
46. Carpet adhesive	As required
47. I-bon tape	As required
48. Concrete nail	As required
49. Natural stone (Granite, Marble, Sandstone, Pebble wash, Slate)	As required
50. Natural stone accessories (Nosing, Skirting, Border)	As required
51. Adhesive	As required
52. Cement mortar	As required
53. Grout	As required
54. Floor glass (Tempered, laminated)	As required
55. Vinyl flooring such (Vinyl tiles, Seamless vinyl)	As required
56. Groove cutter	1:10
57. Hand V-notched trowel	1:10
58. Spike roller	1:10
59. Moon knife	1:10
60. Self-levelling smoothing gauge	1:10
61. Welding gun	1:25
62. Adhesive	As required

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderriksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	RESIDENTIAL INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR WALL DECORATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior wall decoration in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Coordinate drywall finishes installation • Coordinate glass wall finishes installation • Coordinate brick wall finishes installation 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C06	LEVEL	3	TRAINING DURATION	160	SKILL CREDIT	16
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1. Coordinate drywall finishes installation	i. Types of drywall for <ul style="list-style-type: none"> • Wet area • Dry area • Fire retardant ii. Drywall installation tools and materials such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Cordless drill - Stud crimper • Material <ul style="list-style-type: none"> - U-channel - Gypsum board 	i. Interpret interior drawing plan ii. Identify wall location iii. Identify types of wall finishes iv. Identify colour scheme of wall v. Arrange drywall installation tools and materials vi. Organise drywall finishes installation vii. Check drywall finishes installation quality	<u>Attitude:</u> <ol style="list-style-type: none"> Meticulous in interpreting interior drawing plan Resourceful in organising drywall finishes installation <u>Safety</u> <ol style="list-style-type: none"> Adhere to safety procedure 	<u>Related Knowledge</u> 22 <u>Related Skill</u> 50	Lecture & Discussion Demonstration & Observation Practical	<ol style="list-style-type: none"> Types of drywall listed Drywall installation tools and materials listed Types of drywall finishes listed Paint technique and procedure explained Wall covering installation procedure 	

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - Plastering trowel - Door arch mould - Architrave - Fibrous pillar - Fibre tape - Jointing compound <p>iii. Types of drywall finishes such as:-</p> <ul style="list-style-type: none"> • Wall covering <ul style="list-style-type: none"> - Fabric - Wallpaper • Paint • Laminate • Panelling <p>iv. Paint technique and procedure</p> <p>v. Wall covering installation procedure</p> <p>vi. Laminating installation procedure</p> <p>vii. Panelling installation procedure</p> <p>viii. Colour scheme of wall</p> <p>ix. Drywall installation quality</p> <ul style="list-style-type: none"> • Neatness 					<p>explained</p> <p>vi. Laminating installation procedure described</p> <p>vii. Panelling installation procedure described</p> <p>viii. Colour scheme of wall described</p> <p>ix. Drywall installation quality explained</p> <p>x. Drywall installation tools and materials organised</p> <p>xi. Drywall finishes demonstrated</p> <p>xii. Drywall finishes installation quality inspected</p>

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
2. Coordinate glass wall finishes installation	i. Glass wall installation tools and materials <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Glass holder - Glass cutter - Cordless drill - PPE • Material <ul style="list-style-type: none"> - Glass - Aluminium profile - Rubber gasket - Stiffener ii. Types of glass wall finishes such as:- <ul style="list-style-type: none"> • Tinted • Tempered • Laminated • Coating • Decorative glass • Sandblast iii. Glass wall installation procedure iv. Glass wall installation quality <ul style="list-style-type: none"> • Neatness 	i. Identify wall location ii. Identify types of glass wall finishes iii. Arrange glass wall installation materials iv. Organise glass wall finishes installation v. Check glass wall finishes installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising glass wall finishes installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 10 <u>Related Skill</u> 22	Lecture & Discussion Demonstration & Observation Practical	i. Glass wall installation tools and materials listed ii. Types of glass wall finishes listed iii. Glass wall installation procedure explained iv. Glass wall installation quality explained vi. Glass wall finishes installation demonstrated vii. Glass wall finishes installation quality inspected
3. Coordinate brick wall finishes installation	i. Types of brick wall such as:- <ul style="list-style-type: none"> • Autoclave Aerated Concrete (AAC/ALC) • Clay brick • Cement sand brick 	i. Identify wall location ii. Identify types of brick wall finishes iii. Arrange brick wall installation materials iv. Organise brick wall finishes v. Check brick wall	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising brick wall	<u>Related Knowledge</u> 17 <u>Related Skill</u> 39	Lecture & Discussion Demonstration & Observation	i. Types of brick wall listed ii. Types of brick wall bonding listed iii. Brick wall installation tools and materials

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Interlocking brick ii. Types of brick wall bonding such as:- <ul style="list-style-type: none"> • Stretcher bond • English bond • Flemish bond • Header bond iii. Brick wall installation tools and materials such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Brick trowel - Pointing trowel - Laser levelling tool - Personal Protective Equipment (PPE) • Material <ul style="list-style-type: none"> - Brick - Sealant - Cement - Mortar - Waterproofing material - Lime iv. Types of brick wall finishes such as:- <ul style="list-style-type: none"> • Wall covering • Tiles • Stone • Paint • Panelling 	finishes installation quality	finishes installation <u>Safety</u> i. Adhere to safety procedure		Practical	listed iv. Types of brick wall finishes listed v. Brick wall finishes installation procedure explained vi. Brick wall installation quality explained vii. Brick wall installation materials organised viii. Brick wall finishes demonstrated ix. Brick wall finishes installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Coating v. Brick wall finishes installation procedure vi. Brick wall installation quality • Neatness 					

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none"> 1. Communication skills 2. Conceptual skills 3. Interpersonal skills 4. Learning skills 5. Leadership skills 6. Multitasking and prioritising 7. Self-discipline 8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Cordless drill	1:5
2. Stud crimper	1:5
3. Gypsum board	As required
4. U-channel	As required
5. Plastering trowel	1:5
6. Door arch mould	As required
7. Architrave	As required
8. Fibrous pillar	As required
9. Fibre tape	As required
10. Jointing compound	As required
11. Wall covering (Fabric, Wallpaper, etc.)	As required
12. Wallpaper spatula	1:5
13. Pasting brush	1:5
14. Scrapper	1:5
15. Cutter	1:5
16. Steel ruler	1:5
17. Wallpaper scan roller	1:5
18. Roller	1:10
19. Paint tray	1:5
20. Brush	1:5
21. Paint	As required
22. Gypsum laminate	As required
23. Panelling	1:10
24. Glass holder	1:10
25. Glass cutter	1:5
26. Cordless drill	As required
27. Glass	As required
28. Aluminium profile	As required
29. Rubber gasket	As required
30. Stiffener	As required
31. Brick wall (Autoclave Aerated Concrete (AAC/ALC), Clay brick, Cement sand brick, Interlocking brick)	1:5

32. Brick trowel	1:5
33. Pointing trowel	1:25
34. Laser levelling tool	As required
35. Sealant	As required
36. Cement	As required
37. Mortar	As required
38. Waterproofing material	As required
39. Lime	As required
40. Personal protective equipment (PPE)	1:1

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderricksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR ACCESSORIES DECORATION						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior accessories decoration in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Position window finishing • Carry out art work arrangement • Carry out decorative item arrangement • Coordinate toilet fitting 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C07	LEVEL	3	TRAINING DURATION	160	SKILL CREDIT	16
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1. Position window finishing	i. Types of tools and material such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Impact drill - Cordless drill - Screw driver • Materials <ul style="list-style-type: none"> - Types of blind <ul style="list-style-type: none"> o Vertical blind o Horizontal blind 	i. Interpret interior drawing plan ii. Identify windows finishing location iii. Identify types of windows finishing iv. Identify windows finishing material v. Arrange windows finishing installation tools and materials vi. Install windows finishing	<u>Attitude:</u> <ul style="list-style-type: none"> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising windows finishing installation <u>Safety</u> <ul style="list-style-type: none"> i. Adhere to 	<u>Related Knowledge</u> 19 <u>Related Skill</u> 45	Lecture & Discussion Demonstration & Observation Practical	i. Types of tools and material listed ii. Windows finishing design listed iii. Windows finishing installation procedure described iv. Windows finishing	

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> ○ Venetian blind ○ Roller blind ○ Roman blind - Types of curtain <ul style="list-style-type: none"> ○ Day/ shear curtain ○ Night curtain - Railing - Screw - Wall plug - Curtain pole - Curtain hook - Pelmet - Tie back <p>ii. Windows finishing design such as:-</p> <ul style="list-style-type: none"> • Size • Shape • Colour • Motif/ pattern <p>iii. Windows finishing installation procedure</p> <p>iv. Windows finishing installation quality</p> <ul style="list-style-type: none"> • Neatness 	<p>vii. Check windows finishing installation quality</p>	<p>safety procedure</p>			<p>installation quality explained</p> <p>v. Windows finishing installation tools and materials organised</p> <p>vi. Windows finishing installation demonstrated</p> <p>vii. Windows finishing installation quality inspected</p>

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
2. Carry out art work arrangement	i. Types tools and material such as:- <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Impact drill - Cordless drill - Spirit/ water level - Screw driver • Art work material style <ul style="list-style-type: none"> - Painting - Picture - Mural - Sculpture • Wall plug • Screw • Hook • Galvanise wire ii. Art work design such as:- <ul style="list-style-type: none"> • Size • Shape • Colour • Medium <ul style="list-style-type: none"> - Acrylic - Water color - Print - Photo print - Pastel color • Motif/ pattern iii. Art work installation procedure iv. Art work installation quality	i. Interpret interior drawing plan ii. Identify art work location iii. Identify style of art work iv. Identify art work design v. Arrange art work tools and materials vi. Position art work vii. Check art work installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising art work installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 7 <u>Related Skill</u> 17	Lecture & Discussion Demonstration & Observation Practical	i. Types tools and material listed ii. Art work design explained iii. Art work installation procedure described iv. Art work installation quality explained v. Art work tools and materials organised vi. Art work positioning demonstrated vii. Art work installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> Neatness 					
3. Carry out decorative item arrangement	<p>i. Types tools and material such as:-</p> <ul style="list-style-type: none"> Tools <ul style="list-style-type: none"> Impact drill Cordless drill Spirit/ water level Screw driver Types of decorative item <ul style="list-style-type: none"> Frame Vase Floral Mirror Soft Furnishes <ul style="list-style-type: none"> Cushion Pillow Table runner Types of display item <ul style="list-style-type: none"> Antique Collectables Merchandise Wall plug Screw Hook <p>ii. Decorative item design</p> <ul style="list-style-type: none"> Size Shape Colour Motif/ pattern <p>iii. Decorative item</p>	<p>i. Interpret interior drawing plan</p> <p>ii. Identify types of decorative item</p> <p>iii. Identify types of display item</p> <p>iv. Identify decorative item design</p> <p>v. Arrange art work tools and materials</p> <p>vi. Position decorative item</p> <p>vii. Check decorative item installation quality</p>	<p><u>Attitude:</u></p> <p>i. Meticulous in interpreting interior drawing plan</p> <p>ii. Resourceful in organising decorative item installation</p> <p><u>Safety</u></p> <p>i. Adhere to safety procedure</p>	<p><u>Related Knowledge</u></p> <p>7</p> <p><u>Related Skill</u></p> <p>17</p>	<p>Lecture & Discussion</p> <p>Demonstration & Observation</p> <p>Practical</p>	<p>i. Types tools and material listed</p> <p>ii. Decorative item design explained</p> <p>iii. Decorative item installation procedure described</p> <p>iv. Decorative item installation quality explained</p> <p>v. Art work tools and materials organised</p> <p>vi. Decorative item positioning demonstrated</p> <p>vii. Decorative item installation quality inspected</p>

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	installation procedure iv. Decorative item installation quality <ul style="list-style-type: none"> • Neatness 					
4. Coordinate toilet fitting	i. Types tools and material <ul style="list-style-type: none"> • Tools <ul style="list-style-type: none"> - Impact drill - Cordless drill - Pipe wrench - Adjustable spanner - Screw driver • Types of toilet fitting <ul style="list-style-type: none"> - Fitting bath tub - Water closet - Taps - Jacuzzi - Mirror - Toiletries - Shower - Wash hand basin • PTFE Teflon tape/ white tape • Sealant • Wall plug • Screw • Hook ii. Concept of toilet fitting <ul style="list-style-type: none"> • Modern • Contemporary • Historical 	i. Interpret interior drawing plan ii. Types of toilet fitting iii. Identify toilet fitting location iv. Identify concept of toilet fitting v. Arrange toilet fitting tools and materials vi. Position toilet fitting vii. Check toilet fitting installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising toilet fitting installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 14 <u>Related Skill</u> 34	Lecture & Discussion Demonstration & Observation Practical	i. Types tools and material listed ii. Concept of toilet fitting explained iii. Toilet fitting design explained iv. Toilet fitting installation procedure described v. Toilet fitting installation quality explained vi. Toilet fitting tools and materials organised vii. Toilet fitting positioning demonstrated viii. Toilet fitting installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Eclectic iii. Toilet fitting design <ul style="list-style-type: none"> • Size • Shape • Colour • Motif/ pattern iv. Toilet fitting installation procedure v. Toilet fitting installation quality <ul style="list-style-type: none"> • Neatness 					

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none">1. Communication skills2. Conceptual skills3. Interpersonal skills4. Learning skills5. Leadership skills6. Multitasking and prioritising7. Self-discipline8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Impact drill	1:25
2. Cordless drill	1:10
3. Screw driver	1:1
4. Blind (Vertical blind, Horizontal blind, Venetian blind, Roller blind, Roman blind)	As required
5. Curtain (Day/ shear curtain, Night curtain)	As required
6. Railing	As required
7. Screw	As required
8. Wall plug	As required
9. Curtain pole	As required
10. Curtain hook	As required
11. Pelmet	As required
12. Tie back	As required
13. Spirit/ water level	1:10
14. Art work material (Painting, Picture, Mural, Sculpture)	As required
15. Hook	As required
16. Galvanise wire	As required
17. Decorative item (Frame, Vase, Floral, Mirror)	As required
18. Soft Furnishes (Cushion, Pillow, Table runner)	As required
19. Display item (Antique, Collectables, Merchandise)	As required
20. Toilet fitting (Fitting bath tub, Water closet, Taps, Jacuzzi, Mirror, Toiletries, Shower, Wash hand basin)	As required
21. Pipe wrench	1:10
22. Adjustable spanner	1:10
23. PTFE Teflon tape/ white tape	As required
24. Sealant	As required
25. Personal protective equipment (PPE)	1:1

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderriksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

CURRICULUM of COMPETENCY UNIT (CoCU)

SECTOR	INTERIOR DECOR						
SUB SECTOR	INTERIOR SERVICES						
JOB AREA	INTERIOR DECORATION						
NOSS TITLE	INTERIOR DECORATION						
COMPETENCY UNIT TITLE	INTERIOR AMENITIES						
LEARNING OUTCOME	<p>The outcome of this competency is to perform interior amenities positioning in accordance with company's Standard Operating Procedure (SOP) and customer requirements. Upon completion of this competency unit, trainees will be able to:-</p> <ul style="list-style-type: none"> • Carry out air conditioning positioning • Carry out electrical switches & socket outlet positioning • Carry out Information Communication Technology (ICT) positioning • Carry out security system positioning • Carry out safety system positioning 						
PRE-REQUISITE (if applicable)	None						
COMPETENCY UNIT ID	ID-032-3:2015 C08	LEVEL	3	TRAINING DURATION	80	SKILL CREDIT	8
Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria	
1. Carry out air conditioning positioning	i. Types of air conditioning such as:- <ul style="list-style-type: none"> • Window unit • Split unit <ul style="list-style-type: none"> - Wall - Cassette • Package unit <ul style="list-style-type: none"> - Water cool - Air cool • Centralised system 	i. Interpret interior drawing plan ii. Identify types of air conditioning iii. Identify air conditioning location iv. Identify air conditioning functionality v. Identify air conditioning design	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising air conditioning installation	<u>Related Knowledge</u> 6 <u>Related Skill</u> 14	Lecture & Discussion Demonstration & Observation	viii. Types of air conditioning listed ix. Air conditioning functionality and operation system explained x. Air conditioning design	

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> - AHU - Chiller plant room - Cooling tower - FCU ii. Air conditioning functionality and operation system <ul style="list-style-type: none"> • Expansion • Vaporisation • Compression • Condensation iii. Air conditioning design <ul style="list-style-type: none"> • Colour scheme • Motif/ pattern iv. Installation positioning element <ul style="list-style-type: none"> • Room positioning • Time usage • Size of room and activity • No of electrical item usage v. Tools, equipment and material <ul style="list-style-type: none"> • Impact drill • Cordless drill • Spirit/ water level • Bracket • wall plug • Adjustable spanner vi. Air-conditioning installation procedure vii. Air-conditioning	vi. Arrange air conditioning installation tools and materials vii. Organise air conditioning installation viii. Check air-conditioning installation quality	<u>Safety</u> i. Adhere to safety procedure		Practical	explained xi. Installation positioning element explained xii. Tools, equipment and material listed xiii. Air-conditioning installation procedure described xiv. Air-conditioning installation quality explained xv. Air conditioning installation tools and materials organised xvi. Air-conditioning installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	installation quality <ul style="list-style-type: none"> • Neatness • Functionality 					
2. Carry out electrical switches & socket outlet positioning	i. Types of electrical switches <ul style="list-style-type: none"> • Two pole • Direct Online (D.O.L) ii. Types of socket outlet <ul style="list-style-type: none"> • 13 amp • 15 amp iii. Electrical switches & socket outlet design <ul style="list-style-type: none"> • Colour scheme • Motif/pattern iv. Basic electrical knowledge such as:- <ul style="list-style-type: none"> • Institute of Electrical Engineers (IEE) regulations • Malaysian Standard-International Electro Technical Commission (MS-IEC) • Electrical components and functionality • Power requirements for selected devices 	i. Interpret interior drawing location ii. Identify electrical switches & socket outlet location iii. Identify electrical switches & socket outlet material iv. Identify electrical switches & socket outlet design v. Arrange electrical switches & socket outlet installation tools and materials vi. Position electrical switches & socket outlet installation vii. Monitor electrical switches & socket outlet installation viii. Check electrical switches & socket outlet installation quality	<u>Attitude:</u> <ol style="list-style-type: none"> Meticulous in interpreting interior drawing plan Resourceful in organising electrical switches & socket outlet installation <u>Safety</u> <ol style="list-style-type: none"> Adhere to safety procedure 	<u>Related Knowledge</u> 7 <u>Related Skill</u> 17	Lecture & Discussion Demonstration & Observation Practical	i. Types of electrical switches listed ii. Types of socket outlet listed iii. Electrical switches & socket outlet design explained iv. Basic electrical knowledge explained v. Types of single and three phase wiring listed vi. Single and three phase drawing components listed vii. Types of materials for single and three phase wiring listed viii. Types of tools for single and three phase wiring listed

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	v. Types of single and three phase wiring such as:- <ul style="list-style-type: none"> • Surface wiring • Conduit wiring • Trunking wiring • Concealed wiring vi. Single and three phase drawing components such as:- <ul style="list-style-type: none"> • Electrical symbols • Circuit • Measurements • Schematic diagram • Colour coding vii. Types of materials for single and three phase wiring such as:- <ul style="list-style-type: none"> • Single and Double insulated cable • PVC tape • Connector • Trunking accessories • Conduit accessories <ul style="list-style-type: none"> - Galvanised Iron (GI) - Poly Vinyl Chloride (PVC) • Main switch • Moulded Cases Circuit Breaker (MCCB)/ Miniature 					ix. Electrical switches & socket outlet installation procedure described x. Electrical switches & socket outlet installation quality explained xi. Electrical switches & socket outlet installation tools and materials organised xii. Electrical switches & socket outlet positioning demonstrated xiii. Electrical switches & socket outlet installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> Circuit Breaker (MCB) • Residual Current Circuit Breaker (RCCB) • Isolator • Switch <ul style="list-style-type: none"> - Dimmer - One way - Two way - Intermediate - Sensor - Remote control • Fuse • Distribution board viii. Types of tools for single and three phase wiring such as:- <ul style="list-style-type: none"> • Measuring tape • Power tool sets • Power meter • Ladder • Spirit level • Electrical tool sets <ul style="list-style-type: none"> - Multimeter test pen - Clamp meter - Clamp cable ix. Electrical switches & socket outlet installation procedure x. Electrical switches & socket outlet installation quality 					

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/ Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Neatness • Functionality 					
3. Carry out Information Communication Technology (ICT) positioning	i. Types of Information Communication Technology (ICT) item such as:- <ul style="list-style-type: none"> • Telephone • Fax • Network ii. Types of cable <ul style="list-style-type: none"> • CAT 6 • CAT 5 iii. Installation positioning element <ul style="list-style-type: none"> • Area • Function of item iv. ICT installation procedure v. ICT installation quality <ul style="list-style-type: none"> • Neatness • Functionality 	i. Identify ICT location ii. Identify types of ICT iii. Arrange ICT installation tools and materials iv. Position ICT item v. Monitor ICT installation vi. Check ICT installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising ICT installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 4 <u>Related Skill</u> 8	Lecture & Discussion Demonstration & Observation Practical	i. Types of Information Communication Technology (ICT) item listed ii. Types of cable listed iii. Installation positioning element explained iv. ICT installation procedure described v. ICT installation quality explained vi. ICT installation tools and materials organised vii. ICT item positioning demonstrated viii. ICT installation quality inspected

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
4. Carry out security system positioning	i. Types of security system such as:- <ul style="list-style-type: none"> • Alarm • CCTV • Grill • Motion sensor ii. Security system schematic diagram iii. Grill design scheme <ul style="list-style-type: none"> • Concept <ul style="list-style-type: none"> - Modern - Contemporary - Historical - Eclectic • Colour scheme • Motif/pattern • Material <ul style="list-style-type: none"> - Wrought iron - Stainless steel - Mild steel - Alloy iv. Security system installation procedure v. Security system installation quality <ul style="list-style-type: none"> • Neatness • Functionality 	i. Interpret interior drawing plan ii. Identify types of security system iii. Identify security system location iv. Identify security system design v. Arrange security system installation tools and materials vi. Position security system installation vii. Monitor security system installation viii. Check security system installation quality	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in organising security system installation <u>Safety</u> i. Adhere to safety procedure	<u>Related Knowledge</u> 4 <u>Related Skill</u> 8	Lecture & Discussion Demonstration & Observation Practical	i. Types of security system listed ii. Security system schematic diagram explained iii. Grill design scheme explained iv. Security system installation procedure described v. Security system installation quality explained vi. Security system installation tools and materials organised vii. Security system positioning demonstrated viii. Security system installation quality inspected
5. Carry out safety system positioning	i. Safety, Health and Environmental (SHE) practices guidelines such as:- <ul style="list-style-type: none"> • OSHA 	i. Identify types of safety system positioning ii. Identify safety system positioning iii. Identify safety system positioning	<u>Attitude:</u> i. Meticulous in interpreting interior drawing plan ii. Resourceful in	<u>Related Knowledge</u> 4 <u>Related Skill</u>	Lecture & Discussion Demonstration	i. Safety, Health and Environmental (SHE) practices guidelines explained

Work Activities	Related Knowledge	Related Skills	Attitude/Safety/Environmental	Training Hours	Delivery Mode	Assessment Criteria
	<ul style="list-style-type: none"> • Environmental Quality Act 1974 (Act127) <ul style="list-style-type: none"> ii. Types safety system <ul style="list-style-type: none"> • Disable access <ul style="list-style-type: none"> - Wheel chair - Hearing impaired - Visual impaired • Barrier free • Fire protection <ul style="list-style-type: none"> - Smoke detector - Heat detector - Fire extinguisher - Fire sprinkles system - Fire escapes iii. Fire retardant material iv. Safety schematic diagram v. Installation positioning element <ul style="list-style-type: none"> • Area • Functionality vi. Safety system installation procedure vii. Safety system installation quality <ul style="list-style-type: none"> • Neatness • Functionality 	<ul style="list-style-type: none"> functionality iv. Arrange safety system positioning installation tools and materials v. Organise safety system positioning installation vi. Check safety system positioning installation quality 	<ul style="list-style-type: none"> organising safety system installation <p><u>Safety</u></p> <ul style="list-style-type: none"> i. Adhere to safety procedure 	8	<ul style="list-style-type: none"> & Observation Practical 	<ul style="list-style-type: none"> ii. Types safety system listed iii. Fire retardant material explained iv. Safety schematic diagram explained v. Installation positioning element explained vi. Safety system installation procedure described vii. Safety system installation quality explained viii. Safety system positioning installation tools and materials organised ix. Safety system positioning demonstrated x. Safety system positioning installation quality inspected

Employability Skills

Core Abilities	Social Skills
<p>01.07 Utilize database applications to locate a process information.</p> <p>01.08 Utilize spread sheets applications to locate and process information.</p> <p>01.09 Utilize business graphic application to process information.</p> <p>01.10 Apply a variety of mathematical techniques.</p> <p>01.11 Apply thinking skills and creativity.</p> <p>02.09 Prepare flowcharts.</p> <p>02.10 Prepare reports and instructions.</p> <p>02.11 Convey information and ideas to people.</p> <p>03.09 Manage and improve performance of individuals.</p> <p>03.10 Provide consultations and counselling.</p> <p>03.11 Monitor and evaluate performance of human resources.</p> <p>03.12 Provide coaching/on-the-job training.</p> <p>03.13 Develop and maintain team harmony and resolve conflicts.</p> <p>03.14 Facilitate and coordinate teams and ideas.</p> <p>03.15 Liaise to achieve identified outcomes.</p> <p>03.16 Identify and assess client/ customer needs.</p> <p>03.17 Identify staff training needs and facilitate access to training.</p> <p>04.06 Allocate work.</p> <p>04.07 Negotiate acceptance and support for objectives and strategies.</p> <p>05.01 Implement project/work plans.</p> <p>05.02 Inspect and monitor work done and/or in progress.</p> <p>06.07 Develop and maintain networks.</p>	<ol style="list-style-type: none">1. Communication skills2. Conceptual skills3. Interpersonal skills4. Learning skills5. Leadership skills6. Multitasking and prioritising7. Self-discipline8. Teamwork

Tools, Equipment and Materials (TEM)

ITEMS	RATIO (TEM : Trainees)
1. Air conditioning (split unit, cassette)	1:25
2. Switches (Dimmer, One way, Two way, Intermediate, Sensor, Remote control)	1:25
3. ICT (Telephone, Fax, Network)	1:25
4. Security system (Alarm, CCTV, Grill, Motion sensor)	1:25
5. Safety system (Smoke detector, Heat detector, Fire extinguisher, Fire sprinkles system)	1:25

REFERENCES

1. Joseph de Chiara, Julios Panero, Martin Zelnik (1992), Timer-Saver Standards For Interior Design and Space Planning, McGraw Hill International Edsition, ISBN 0071346163, 9780071346160
2. Mary Gilliat's (2005), Interior Design Course, Conran Octopus ISBN 1840914432, 9781840914436
3. Mansor Bin Othman, Jazzman Shah Bin Amir, Hiasan Dalaman Asas, Edusystem Sdn Bhd
4. Simone Schleifer (2005), Dream Apartments, Evergreen, ISBN 3-8228-4184-6
5. Helen Chislett, Vincent Knapp (2005), Kelly Hoppen Style, Page One Publishing Pte Ltd, ISBN
6. Arian Mostaedi (2003), Home Interiors, Page One Publishing Pte Ltd, ISBN 978-981-245-776-9
7. Casey C.M Mathewson, Ann Viderriksen, Frances Anderton (Year), a5 Los Angeles Architecture, Interiors, Lifestyle Publisher, ISBN 098198571-8

SUMMARY OF TRAINING DURATION FOR INTERIOR DECORATION LEVEL 3

CU ID	COMPETENCY UNIT TITLE	WORK ACTIVITIES	RELATED KNOWLEDGE	RELATED SKILLS	HOURS	TOTAL
			(A)	(B)	(A+B)	(HOURS)
ID-032-3:2015 C01	INTERIOR DRAWING PREPARATION	Carry out interior site inspection	14	34	48	480
		Prepare drawing tools and materials	7	17	24	
		Carry out interior drawing	101	235	336	
		Prepare sample board	22	50	72	
ID-032-3:2015 C02	INTERIOR FURNITURE DECORATION	Arrange loose furniture	24	56	80	160
		Arrange built in furniture	24	56	80	
ID-032-3:2015 C03	INTERIOR LIGHTING DECORATION	Position ceiling lighting	17	39	56	160
		Position wall lighting	17	39	56	
		Position floor lighting	10	22	32	
		Position table lamps	5	11	16	
ID-032-3:2015 C04	INTERIOR CEILING DECORATION	Coordinate fix ceiling installation	38	90	128	160
		Coordinate demountable ceiling installation	10	22	32	
ID-032-3:2015 C05	INTERIOR FLOOR DECORATION	Carry out tiles composition	18	42	60	240
		Carry out timber flooring composition	14	34	48	
		Carry out carpet composition	14	34	48	
		Carry out natural stone flooring composition	11	25	36	
		Carry out floor glass composition	4	8	12	
		Carry out vinyl flooring composition	11	25	36	

CU ID	COMPETENCY UNIT TITLE	WORK ACTIVITIES	RELATED KNOWLEDGE	RELATED SKILLS	HOURS	TOTAL
			(A)	(B)	(A+B)	(HOURS)
ID-032-3:2015 C06	INTERIOR WALL DECORATION	Coordinate drywall finishes installation	22	50	72	160
		Coordinate glass wall finishes installation	10	22	32	
		Coordinate brick wall finishes installation	17	39	56	
ID-032-3:2015 C07	INTERIOR ACCESSORIES DECORATION	Position window finishing	19	45	64	160
		Carry out art work arrangement	7	17	24	
		Carry out decorative item arrangement	7	17	24	
		Coordinate toilet fitting	14	34	48	
ID-032-3:2015 C08	INTERIOR AMENITIES	Carry out air conditioning positioning	6	14	20	80
		Carry out electrical switches & socket outlet positioning	7	17	24	
		Carry out Information Communication Technology (ICT) positioning	4	8	12	
		Carry out security system positioning	4	8	12	
		Carry out safety system positioning	4	8	12	
TOTAL HOURS (Core Competencies)			480	1120	1600	1600