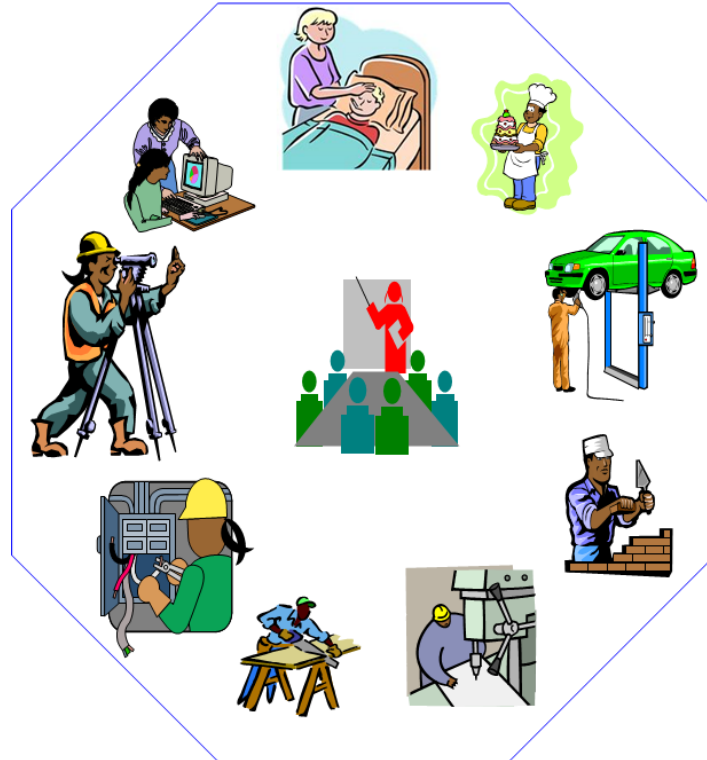


NURSING –LEVEL III



TVET CURRICULUM

**Based on the December 2021 Version III
occupational Standard (OS)**

Jan, 2022
Adiss Ababa

Preface

The reformed TVET-System is an outcome-based system. It utilizes the needs of the labor market and occupational requirements from the world of work as the benchmark and standard for TVET delivery. The requirements from the world of work are analyzed and documented – taking into account international benchmarking – as occupational standards (OS).

In the reformed TVET-System, curricula and curriculum development play an important role with regard to quality driven TVET-Delivery. Curricula help to facilitate the learning process in a way, that trainees acquire the set of occupational competences (skills, knowledge and attitude) required at the working place and defined in the occupational standards (OS).

This curriculum has been developed by a group of experts from different Regional TVET-Authorities, ministry of health and health science colleges based on the occupational standard of 2021. This curriculum shows how to transform the occupational requirements as defined in the respective occupational standard.

The curriculum development process has been actively supported and facilitated by the Ministry of **Labor and Skill and Ministry of Health.**

TVET-Program Design

1.1. TVET-Program Title: Nursing Level III

1.2. TVET-Program Description

The Program is designed to develop the necessary knowledge, skills and attitude of the learners to the standard required by the occupation. The contents of this program are in line with the occupational standard. Learners who successfully completed the program will be assessed in institutional level with competencies elaborated in the respective OS.

The prime objective of this training program is to equip the learners with the identified competences specified in the OS. Students are therefore expected to provide motivated, competent, and Compassionate Caring Service, Apply Infection Prevention Techniques and Workplace OHS, Provide Basic First Aid and Emergency response, Prepare and maintain beds, Provide Basic Nursing Care, Provide wound care, Administer and Monitor Range of Medication, Provide Palliative Care and Maintain Mortuary Service, Provide comprehensive family planning service, Provide youth, adolescent and reproductive health service, Provide community mobilization and health education, Apply Computer and Mobile Technology, Apply Basic Health Statistics and survey, Apply 5S procedure in accordance with the performance criteria described in the OS.

1.3. TVET-Program Learning Outcomes

The expected outputs of this program are the acquisition and implementation of the following units of competence

HLT NUR3 01 1221	Provide motivated, competent, and Compassionate Caring Service
HLT NUR3 02 1221	Apply Infection Prevention Techniques and Workplace OHS
HLT NUR3 03 1221	Provide Basic First Aid and Emergency response
HLT NUR3 04 1221	Prepare and maintain beds
HLT NUR3 05 1221	Provide Basic Nursing Care
HLT NUR3 06 1221	Provide wound care
HLT NUR3 07 1221	Administer and Monitor Range of Medication
HLT NUR3 08 1221	Provide Palliative Care and Maintain Mortuary Service
HLT NUR3 09 1221	Provide comprehensive family planning service
HLT NUR3 10 1221	Provide youth, adolescent and reproductive health service
HLT NUR3 11 1221	Provide community mobilization and health education
HLT NUR3 12 1221	Apply Computer and Mobile Technology
HLT NUR3 13 1221	Apply Basic Health Statistics and survey
HLT NUR3 14 1221	Apply 5S procedure

1.4. Duration of the TVET-Program

The Program will have duration of **1,647 hours** including in school and cooperative training time.

s.no	Unit competency	In school training		Cooperative training	Total hours	Remarks
		Theory	Practical			
	Provide motivated, competent, and Compassionate Caring Service	40			40	
	Apply Infection Prevention Techniques and Workplace OHS	32	24	40	96	
	Provide Basic First Aid and Emergency response	64	60	60	184	
	Prepare and maintain beds	24	36	39	99	
	Provide Basic Nursing Care	64	72	156	292	
	Provide wound care	22	22	39	83	
	Administer and Monitor Range of Medication	96	42	156	294	
	Provide Palliative Care and Maintain Mortuary Service	20	16	39	75	
	Provide comprehensive family planning service	32	34	39	105	
	Provide youth, adolescent and reproductive health service	32		39	71	
	Provide community mobilization and health education	56		40	96	
	Apply Computer and Mobile Technology	44	56		100	
	Apply Basic health statistics and survey	40	40		80	
	Apply 5S procedure	16	8	8	32	
	Total	582	410	655	1647	

N.B. The cooperative training can be managed according to the context of the training giving **institution**.

1.5. Qualification Level and Certification

Based on the descriptors elaborated on the Ethiopian National TVET Qualification Framework (NTQF) the qualification of this specific TVET Program is “**Level III**”. The learner will not be awarded any certificate before completion of all the modules that are designed for the exist in level IV

1.6. Target Groups

Any citizen **without disability** who meets the entry requirements under items 1.7 and capable of participating in the learning activities is entitled to take part in the Program.

1.7 Entry Requirements

The prospective participants of this program are required to possess the requirements or directive of the Ministry of Labor and Skill.

1.8 Mode of Delivery

This TVET-Program is characterized as a formal Program on middle level technical skills. The mode of delivery is co-operative training. The TVET-institution and identified companies have forged an agreement to co-operate with regard to implementation of this program. The time spent by the trainees in the industry will give them enough exposure to the actual world of work and enable them to get hands-on experience.

The co-operative approach will be supported with school-based lecture-discussion, simulation and actual practice. These modalities will be utilized before the trainees are exposed to the industry environment.

1.9. TVET-Program Structure

Unit of Competence		Module Code & Title		Learning Outcomes	Duration (In Hours)
<u>HLT NUR3 01 1221</u>	Provide motivated, competent, and Compassionate Caring Service	<u>HLT NUR3 M01 0122</u>	Providing motivated, competent, and Compassionate Caring Service	• Apply professionalism and ethical practice • Apply humanistic care to clients • Demonstrate effective health care communication • Provide respectful care for clients • Perform with legal and ethical framework • Provide motivated and competent service	40hr
<u>HLT NUR3 02 1221</u>	Apply Infection Prevention Techniques and Workplace OHS	<u>HLT NUR3 M02 0122</u>	Applying Infection Prevention Techniques and Workplace OHS	• Identify causes of diseases • Apply infection prevention techniques • Limit Contamination • Clean environmental surfaces • Assess and control risks and hazards • Establish and maintain participative	96hr

			arrangements		
<u>HLT NUR3 03 1221</u>	Provide Basic First Aid and Emergency response	<u>HLT NUR3 M03 0122</u>	Providing Basic First Aid and Emergency response	• Introduce to human structure and function. • Assess and identify client’s condition • Provide first aid service • Prepare, evaluate and act in an emergency • Communicate details of the incident • Refer client requiring further care • Evaluate own performance	180hrs
<u>HLT NUR3 04 1221</u>	Prepare and maintain beds	<u>HLT NUR3 M04 0122</u>	Preparing and maintaining beds	• Prepare area for bed making • Make bed Leave bed ready for occupancy or continued occupancy • Collect and manage Linen Stock at User-Locations	99hrs

<u>HLT NUR3 05 1221</u>	Provide Basic Nursing Care	<u>HLT NUR3 M05 0122</u>	Providing Basic Nursing Care	- Identify clients need to individualize nursing care. - Apply safe manual handling - Manage patient safety and comfort - Provide hygienic care for patients - Perform patient transportation	388hrs
<u>HLT NUR3 06 1221</u>	Provide wound care	<u>HLT NUR3 M06 0122</u>	Providing wound care	- Assess and identify wound - Contribute to planning appropriate care for the client with a wound - Perform wound care - Implement wound care - Evaluate the outcomes of nursing actions	83hrs
<u>HLT NUR3 07 1221</u>	Administer and Monitor Range of Medication	<u>HLT NUR3 M07 0122</u>	Administering and Monitoring Range of Medication	- Apply pharmacology in the field of nursing practice. - Prepare and administer medications - Monitor and evaluate client response to administered medication	294hrs
<u>HLT NUR3 081221</u>	Provide Palliative Care and Maintain	<u>HLT NUR3 M081221</u>	Providing Palliative Care and Maintaining Mortuary Service	- Identify and apply palliative approach to care. - Identify needs of a person requiring	75hrs

Mortuary Service			end of life care. • Provide care after death • Receive bodies at mortuary • Prepare bodies for viewing • Maintain the mortuary environment • Release bodies to funeral director/ conveyors • Follow security requirements	
<u>HLT NUR3 091221</u> Provide comprehensive family planning service	<u>HLT NUR3 M09 0122</u> Providing comprehensive family planning service		• Describe and Plan family planning services • Promote family planning services • Provide family planning services • Monitor family planning services	105hrs
<u>HLTNUR3 10 1121</u> Provide youth, adolescent and reproductive health service	<u>HLTNUR3 M10 0122</u> Providing youth, adolescent and reproductive health service		• Plan adolescent and youth RH services • Promote adolescent and youth RH services • Provide RH service package • Register and document RH records	71hrs
<u>HLT NUR3 11 1121</u> Provide community	<u>HLT NUR3 M11 0122</u> Providing community mobilization and		• Conduct health education and communication	96hrs

	mobilization and health education		health education	• Train model families • Plan and Undertake advocacy on • identified health issues	
<u>HLT NUR3 12 1221</u>	Apply Computer and Mobile Technology	<u>HLT NUR3 M12 0122</u>	Applying Computer and Mobile Technology	• Start computer, system information and features. • Navigate and manipulate desktop environment. • Identify the existing Health technologies. • Apply the functions of technology. • Evaluate new or upgraded technology performance	100hrs
<u>HLT NUR3 13 1221</u>	Apply Basic Health Statistics and survey	<u>HLT NUR3 M13 0122</u>	Applying Basic Health Statistics and survey	• Prepare for the application of health survey • Undertake data collection • Compile, interpret and utilize health data • Prepare and submit reports • Take intervention measures accordingly	80hrs
<u>HLT NUR3 14 1221</u>	Apply 5S procedure	<u>HLT NUR3 M14 0122</u>	Apply 5S procedure	• Develop understanding of quality system • Sort needed items from unneeded • Set workplace in order • Shine work area • Standardize activities • Sustain 5S system	32hrs

The time duration (Hours) indicated for the module should include all activities in and out of the TVET institution

1.10 Institutional Assessment

Two types of evaluation will be used in determining the extent to which learning outcomes are achieved. The specific learning outcomes are stated in the modules. In assessing them, verifiable and observable indicators and standards shall be used.

The **formative assessment** is incorporated in the learning modules and form part of the learning process. Formative evaluation provides the trainee with feedback regarding success or failure in attaining learning outcomes. It identifies the specific learning errors that need to be corrected, and provides reinforcement for successful performance as well. For the teacher, formative evaluation provides information for making instruction and remedial work more effective.

Summative Evaluation the other form of evaluation is given when all the modules in the program have been accomplished. It determines the extent to which competence have been achieved. And, the result of this assessment decision shall be expressed in the term ‘competent or not yet competent’.

Techniques or tools for obtaining information about trainees’ achievement include oral or written test, demonstration and on-site observation.

1.11 TVET Teachers Profile

The teachers conducting this particular TVET Program are **A Level** and have satisfactory practical experiences or equivalent qualifications.

LEARNING MODULE -01	
MODULE TITLE: Providing Motivated, Competent and Compassionate services	
MODULE CODE: HLTNUR3 M01 0122	
NOMINAL DURATION: 40hrs	
MODULE DESCRIPTION: This module covers the knowledge, skills and attitude required to effectively perform professional duties and responsibilities with motivated, competent, compassionate, respectful and caring manner by applying basic principles of professional, ethical and legal aspects of the profession	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Apply professionalism and ethical practice LO2. Apply humanistic care to clients LO3. Demonstrate effective health care communication LO4. Provide respectful care for clients LO5. Perform with legal and ethical framework LO6. Provide motivated and competent service	
MODULE CONTENTS: LO1. Professionalism and ethical practice 1.1. Basic concept of ethics 1.2. Professional ethics 1.3. Ethical principles 1.4. Professional code of conducts 1.5. Professional values LO2. Applying humanistic care to clients. 2.1 Understanding and implement clients concern 2.2 Considering clients feelings and emotions 2.3 Defining characteristics of innate needs	

LO3. Demonstrating effective health care communication

- 3.1 Establishing collaborative working relationship
- 3.2 Expressing compassion concern of the clients
- 3.3 Gathering Proper information
- 3.4 Therapeutic communication
- 3.5 Non-violent communication techniques
- 3.6 Educating and counseling clients

LO4. Providing respectful care for clients

- 4.1 Defining characteristics of respectful care
- 4.2 Identifying factor affecting care
- 4.3 Decision-making process
- 4.4 Engaging concerned person in evaluation
- 4.5 Patient's bill of rights

LO5. Performing legal and ethical framework

- 5.1 . Understanding legislation and common laws
- 5.2 . Ensuring confidentiality of individual's record
- 5.3 . Preventing patient's information Disclosure
- 5.4 . Ethical issues and ethical dilemma
- 5.5 . Handling incompetent client
- 5.6 Standard and scope of practice
- 5.7 Legal role and responsibility
- 5.8 . Professional negligence and mal- practice
- 5.9 . Training program on ethical issues

LO6. Providing motivated and competent service

- 6.1. Basic concept of quality care
- 6.2. Characteristics of motivated care providers
- 6.3. Features of competent care providers

Learning Methods:

- Interactive lecture
- Group discussion
- Role-play

- Case-study
- Group assignment
- Individual assignment

Assessment Methods: Continuous (70%), Final (30%)

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Final written exam

Assessment Criteria

LO1. Applying professionalism and ethical practice principles

- Ethical principles and issues of the profession are identified and executed
- Professional code of conducts are identifies and executed
- Professional values are recognized and demonstrated
- Adherence to ethical principles of the profession is maintained and evaluated
- Professional practice are maintained according to applicable standards

LO2. Applying humanistic care to clients.

- Patients concern are understood and implemented
- Patient and clients feelings and emotions are considered
- Patients innate needs are addressed and communicated

LO3. Demonstrating effective health care communication

- Positive, respectful and collaborative working relationship is established
- Compassion concern for the patient should be recognized, anticipated and expressed.
- Proper information is gathered and effectively elicited in order to facilitate accurate diagnosis and management
- Appropriate non-verbal communication is used
- Clients are effectively informed, educated and counselled
- Effective interaction with other people working within the health system is established
- Therapeutic instructions are provided compassionately
- Non-violent communication techniques are used and implemented

LO4. Providing respectful care for clients

- Health care practitioners are listened to and patient and family perspectives and choices honored
- Patient and family knowledge, values, beliefs and cultural backgrounds are incorporated into the planning and delivery of care
- Complete and unbiased information are communicated and shared with patients and families by the practitioner in in an affirming and useful manner
- Patients and families are made to receive timely, complete, and accurate information in

order to effectively participate in care and decision-making.

- Patients, families, health care practitioners, and hospital leaders have been collaborated in policy and program development, implementation, and evaluation; in health care facility design; and professional education and the delivery of care.
- Patient's rights to access care, transfer and continuity of care are respected.

LO5 Performing legal and ethical framework

- Legislation and common laws relevant to work role are understood
- Policies and procedures are respected and practiced
- Confidentiality of individual's record is ensured.
- Disclosure of patient's information to another person is prevented without patient's consent.
- Ethical issues and ethical dilemma in the workplace is recognized
- Patients who are not able to communicate in case of emergency or other conditions are handled.
- Patient-specific data are released to only authorized users.
- Training programs for health care providers and other staff on privacy and confidentiality of patient information are conducted
- Unethical conduct is recognized and reported

LO6. Providing motivated and competent service

- Motivated and qualified service is given for the patient
- The patient is assisted to gain their personal goal.
- Task is performed according to the standard.

Annex: Resource Requirements

HLTNUR3 M01 0122 Providing Motivated, Competent and Compassionate services				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	KozierErbOlivieri Fundamentals of Nursing:	Addison Welsley	5	1:5
3.2	Fundamentals of Nursing; Human Health and Functions.	California1991 J. HirnleLippinico tt, Philadelphia, 1996	5	1:5
3.3	Benjamin, Martin. Ethics in Nursing	3 rd edition.	5	1:5
3.4	CRC training manual	2021	5	1:5
3.5	Penal code 1957	1957	5	1:5
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	Standard		
2.	Library	Standard		
6.	White board		1	1:25
C.	Consumable Materials			
1.	Paper	A4	5rim	1:5
2.	Pen	Standard		
3.	Pencil and rubber	Standard		
4.	Graph paper	Standard		

5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per pack	
7	Printer ink	Standard	4	
8	White board marker	Standard	15	
9	Plaster	Standard		
D.	<i>Tools and Equipment</i>			
1.	Doll		4	1:5
2	Computer	Lap top	1	1:25
3	LCD projector	LCD Projector	1	1:25
4	Printer	Laser Jet	1	1: 25
5	Photocopy machine	Standard	1	1: 25
6	Scanner	Standard	1	1: 25
7	Back up	Standard	1	1: 25
8	White board	110X80mm	1	1: 25

LEARNING MODULE -02	
TVET-PROGRAMME TITLE: Nursing Level III	
MODULE TITLE: Applying Infection Prevention Techniques and Workplace OHS	
MODULE CODE: HLTNUR3 02 0122	
NOMINAL DURATION: 96 Hours	
MODULE DESCRIPTION: This module aims to provide the trainees with the knowledge, skill and right attitude required for health workers to comply with infection control policies and procedures. All procedures must be carried out in accordance with current infection control guidelines to ensure the workplace is safe and without risk to the health of employees, clients and/or visitors.	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Apply infection prevention techniques LO2. Limit Contamination LO3. Clean environmental surfaces LO4. Assess and control risks and hazards LO5. Establish and maintain participative arrangements	
MODULE CONTENTS: LO1. Apply infection prevention techniques 1.1. Essential elements of infection prevention 1.2. Universal precaution and standard precaution 1.3. Applying additional precautions 1.4. Special ventilation requirements 1.5. Additional use of PPE 1.6. Dedicated equipment (e.g. to each client or as appropriate to work function) 1.7. Use of a special facility 1.8. Minimizing Contamination of materials, equipment and instruments 1.9. Instrument processing 1.10. Managing Infectious/hazardous waste 1.11. Personal protective materials 1.12. Applying Proper hand washing techniques	

LO2. Limit Contamination

- 2.1. Demarcating & Maintaining Clean and contaminated zones
- 2.2. Keeping clean materials in clean zone
- 2.3. Keeping contaminated materials in contaminated zone

LO3. Clean environmental surfaces

- 3.1. Removing dust, dirt and physical debris from work surfaces
- 3.2. Cleaning work surfaces with a neutral detergent and warm water solution
- 3.3. Drying work surfaces before and after use
- 3.4. Replacing Surface covers where applicable
- 3.5. Maintaining and storing Cleaning equipment

LO4: Assess and control risks and hazards

- 4.1. Hazards in the workplace are identified
- 4.2. Risk control measures are Developed
- 4.3. Organizational procedures for hazard identification, assessment and control of risks are Developed
- 4.4. Care following exposure to blood or other body fluids are applied

LO5. Establish and maintain participative arrangements

- 5.1 . Applying Appropriate participative processes
- 5.2 Keeping OHS records

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Group assignment
- Individual assignment

Assessment Methods: Continuous (70%), Final (30%)

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning

- Skill check out
- Final written exam

Assessment Criteria

LO1. Apply infection prevention techniques

- Essential elements of infection prevention are considered
- Universal precaution and standard precaution are applied
- Additional precautions are applied
- Contamination of materials, equipment and instruments are minimizing
- Instrument processing is performed
- Infectious/hazardous waste is managed
- Personal protective materials are correctly used
- Proper hand washing techniques is demonstrated

LO2. Limit Contamination

- Clean and contaminated zones are Demarcated & Maintained
- Clean materials are kept in clean zone
- Contaminated materials are kept in contaminated zone

LO3. Clean environmental surfaces

- Dust, dirt and physical debris from work surfaces are removed
- Work surfaces with a neutral detergent and warm water solution are Cleaned
- Work surfaces before and after use are dried
- Surface covers are replaced where applicable
- Cleaning equipments are maintained and stored

LO4: Assess and control risks and hazards

- Identifying hazards in the workplace
- Developing Risk control measures
- Developing Organizational procedures for hazard identification, assessment and control of risks
- Care following exposure to blood or other body fluids as required

LO5. Establish and maintain participative arrangements

- Appropriate participative processes in accordance with OHS legislation, regulation and industry standards is applied.
- OHS record is kept

Annex: Resource Requirements

HLTNUR3 02 0122Applying Infection Prevention Techniques and Workplace OHS)				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	<i>Learning Materials</i>			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	Infection Prevention And Patient Safety Reference Manual	June 2010.	5	1:5
3.2	Fundamentals of Nursing: Concepts, process and practice.	4th Edition. Kozier, B, Erb, G. &Oliveieri, R. (1991)	5	1:5
3.3	Microbiology for Nurses.	Stuck Vivien A. (1993)	5	1:5
4.	Journals/Publication/Magazines			
B.	<i>Learning Facilities & Infrastructure</i>			
1.	Lecture Room	Standard		
2.	Library	Standard		
C.	<i>Consumable Materials</i>			
1.	Paper	A4	5rim	1:5
2.	Pen	Standard		1:5
3.	Pencil and rubber	Standard		1:5
4.	Graph paper	Standard		1:5
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12/ pack	1:5

7	Printer ink	Standard	4	1:5
8	White board marker	Standard	15	1:5
9	Plaster	Standard		1:5
	Bleach	Standard		1:5
	Soap	Standard		1:5
	Brush	Standard		
	Mop	Standard		
	Antiseptic solution	Standard		
D.	Tools and Equipment			
1.	Doll		4	1:5
	Personal protective equipment			
1	Face protection	Standard	25	1:1
2	Eye protection	Standard	25	1:1
3	Gown	Standard	25	1:1
4	Apron	Standard	25	1:1
5	Surgical suits	Standard	25	1:1
6	Gloves	Standard	25	1:1
7	Protective footwear	Standard	25	1:1
8	Doll	Standard	4	1:5
9	Computer	Lap top	1	1:30
10	LCD projector	LCD Projector	1	1:30
11	Printer	Laser Jet	1	1:30
12	Photocopy machine	Standard	1	1:30
13	Scanner	Standard	1	1:30
14	Back up	Standard	1	1:30
15	White board	110X80mm	1	1:30

LEARNING MODULE -03	
TVET-PROGRAMME TITLE: Nursing -Level III	
MODULE TITLE: Providing first aid and emergency responses	
MODULE CODE: HLTNUR3 M03 0122	
NOMINAL DURATION: 167Hrs	
MODULE DESCRIPTION: This module aims to describe the knowledge, skills and attitude required to recognize and respond to life threatening emergencies using basic life support, provide first aid response, management of casualty(s), the incident and other first aider, until the arrival of medical or other assistance.	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Introduce to human structure and function. LO2. Assess and identify client's condition LO3. Provide first aid service LO4. Prepare, evaluate and act in an emergency LO5. Communicate details of the incident LO6. Refer client requiring further care LO7. Evaluate own performance	
MODULE CONTENTS: LO1.Assessing and identifying client's condition. 1.1. Basic concept of first aid 1.2. First aid principles 1.3. Legal responsibilities 1.4. Chain of survival 1.5. Describing the 3C 1.6. Level of consciousness LO2 Providing first aid service 2.1. Basic life support 2.2. Providing first aid for casualty with respiratory problem 2.3. Airway obstruction	

- 2.2.1 CPR and rescue breathing
- 2.2.2 Drowning
- 2.2.3 Choking
- 2.2.4 Smoke inhalation
- 2.3 Providing first aid for casualty with circulatory problem
 - 2.3.1 Bleeding control
 - 2.3.2 Heart attack
 - 2.3.3 Cardiac arrest
- 2.4 Providing first aid for casualty with nerve problem
 - 2.4.1 Head trauma
 - 2.4.2 Stroke
 - 2.4.3 Epilepsy
- 2.5 Providing first aid for casualty with shock and allergic reactions
 - 2.5.1 Shock
 - 2.5.2 Allergic reaction
 - 2.5.3 Anaphylaxis
- 2.6 Providing first aid for casualty with injuries
 - 2.6.1 Crush injuries
 - 2.6.2 Chest injury
 - 2.6.3 Abdominal injury
 - 2.6.4 Eye injuries
 - 2.6.5 Foreign objects
- 2.7 Providing first aid for casualty with musculoskeletal problem
 - 2.7.1 Fractures
 - 2.7.2 Spinal injuries
 - 2.7.3 Dislocation
 - 2.7.4 Strains and sprains
- 2.8 Providing first aid for casualty with burns
- 2.9 Providing first aid for casualty with poisons and alcohol
- 2.10 Providing first aid for casualty with envenomation bites and stings
 - 2.11.1 Snake
 - 2.11.2 Spider
 - 2.11.3 Insects
 - 2.11.4 Dog bites

2.11 Providing first aid for casualty with needle stick injuries

2.12 Identifying first aid Kits

LO3. Preparing, evaluating and acting in an emergency

3.1. Emergency health care

3.2. Hazards and risks

3.3. Describing OHS

3.4. Emergency patient evacuation

LO4. Communicate details of the incident

4.1. Ambulance operation system

4.2. Causality condition

4.3. Confidentiality and privacy

4.4. Prepare incident reports

LO5. Refer client requiring further care

5.1. Relevant client history

5.2. Chain of referral

5.3. Maintaining client care

5.4. Documentation

LO6. Evaluate own performance

6.1. Feedback

6.2. Identifying Psychological impact on rescuer

6.3. Debriefing

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Skill check out
- Final written exam

Assessment Criteria

LO1. Assess and identify client's condition

- Basic principles of first aid are addressed
- Hazards in the situation that may pose a risk of injury or illness to self and others are identified, assessed and minimized
- Immediate risk to self and casualty's health and safety is minimized by controlling any hazard in accordance with work health and safety requirements
- Emergency situation is recognized and hazards to health and safety of self and others are identified
- Vital signs and state of consciousness are checked and monitored in accordance with guidelines.
- History of the event is obtained.
- Safety equipment and aids required for emergencies are selected, used, maintained and stored in good order
- Options for action in cases of emergency are identified and evaluated
- Organizational emergency procedures and policies are correctly implemented
- Occupational health and safety procedures and safe working practices are applied

LO2. Provide first aid service

- Communication style to match the casualty's level of consciousness is adopted
- Available resources and equipment are used to make the casualty as comfortable as possible
- Basic ABCDE/CABDE rules of life are applied.
- The casualty is responded to in a culturally aware, sensitive and respectful manner
- Relevant first aid procedures are determined and explained to provide comfort
- Consent is sought from casualty prior to applying first aid management
- First aid management is provided in accordance with established first aid principles and procedures
- Clinical first aid equipment are correctly operated as required for client management

according to manufacturer/supplier's instructions and procedures

- Client care techniques are implemented in accordance with procedures and techniques applicable to standards.
- Safe manual handling techniques are used consistently
- Casualty's condition is monitored and responded in accordance with established first aid principles and procedures
- Casualty management is finalized according to casualty's needs and first aid principles
- First aid kit components are outlined.

LO3. Prepare, evaluate and act in an emergency

- Options for action in cases of emergency and group control strategies for evacuation are identified
- Occupational health and safety procedures and policies are correctly implemented
- Clients and other individuals are removed from danger.
- Assessed and evaluated potential hazards are reported and documented

LO4. Communicate details of the incident

- First aid assistance from others is sought in a timely manner and as appropriate
- Ambulance support and/or appropriate medical assistance are/is requested according to circumstances
- Observation of casualty's condition and management activities accurately is conveyed to ambulance services/relieving personnel
- A communication style is adopted to match the casualty's level of consciousness
- Details of casualty's physical condition, changes in condition, management and responses are accurately assessed and reported to management in line with established procedure
- Confidentiality of records and information is maintained in line with privacy principles and statutory and/or organization policies

LO5. Refer client requiring further care

- Relevant client history is documented according to standard guidelines.
- Documentation for referral procedures is ensured.

- Appropriate information to individuals involved in referral is conveyed to facilitate understanding and optimal care.
- Maintain client care until responsibility is taken over by staff of the receiving health institutions during referral.
- Client confidentiality is maintained at all times and levels.

LO6.Evaluate own performance

- Feedback is sought from appropriate clinical expert
- The possible psychological impacts on rescuers involved in critical incidents is recognized
- Participation is done in debriefing/evaluation to improve future response and address individual needs

Annex: Resource Requirements

HLTNUR3 M03 0122Providing first aid and emergency responses				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			1:2
3.	Reference Books		50	1:2
3.1	Clinical procedures in emergency medicine and acute care	Roberts and Hedges, 2019, 7 th edition	5	1:5
3.2	Text book of adult emergency medicine	Peter Cameron, 2020, 5 th edition	5	1:5
3.3	Fundamentals of anatomy and physiology for nurses	Wiley, 2017, 2 nd edition	5	1:5
3.4	www.livestrong.com			
3.5	www.newhealthadvisor.com			
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	5*5m	1	1:25
2.	Library		1	1:25
C.	Consumable Materials			
1	Paper	A4	5rim	1:5
2	Pen	Standard		
3	Pencil and rubber	Standard		
4	Graph paper	Standard		
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per	

			pack	
7	Printer ink	Standard	4	
8	White board marker	Standard	15	
9	Plaster	Standard		
D.	<i>Tools and Equipment</i>			
1	Doll		4	1:5
2	Computer	Lap top	1	1:30
3	LCD projector	LCD Projector	1	1:30
4	Printer	Laser Jet	1	1:30
5	Photocopy machine	Standard	1	1:30
6	Scanner	Standard	1	1:30
7	Back up	Standard	1	1:30
8	White board	110X80mm	1	1:30

LEARNING MODULE -04	
TVET-PROGRAMME TITLE: Nursing –Level III	
MODULE TITLE: Preparing and Maintaining Beds	
MODULE CODE: HLTNUR3 M04 0122	
NOMINAL DURATION: 99hrs	
MODULE DESCRIPTION: This module aims to provide the trainees with the knowledge, skills and attitude required to apply bed making and cleaning practices to a range of ‘beds’ to ensure that clients can safely occupy a clean bed	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Prepare area for bed making LO2. Make bed LO3. Leave bed ready for occupancy or continued occupancy LO4. Collect and manage Linen Stock at User-Locations	
MODULE CONTENTS: LO1. Prepare area for bed making 1.1. Identifying equipment used for bed making 1.2. Adjusting height of the bed 1.3. Cleaning the bed and the surrounding 1.4. Checking the bed linen LO2. Making bed 2.1 Maintaining privacy 2.2 Stripping the bed linen 2.3 Removing clinical waste and linen 2.4 Cleaning the bed 2.5 Comforting the patient in bed 2.6 Handling reusable clean bed linen 2.7 Cleaning Mattresses and pillows 2.8 Performing all types of bed making	

LO3. Leave bed ready for occupancy or continued occupancy

- 3.1 Applying brakes
- 3.2 Making the bed ready for occupancy
- 3.3 Reporting Damaged and/or faulty beds, equipment, mattresses, pillows and lines
- 3.4 Cleaning and retuning cleaning materials

LO4. Collect and manage Linen Stock at User-Locations

- 4.1 Collecting soiled linen
- 4.2 Transporting soiled linen
- 4.3 Reporting Hazards
- 4.4 Re-stocking linen to ensure adequate supply
- 4.5 Rotating and returning linen for processing
- 4.6 Maintaining optimum stock level
- 4.7 Requisitioning linen to the predetermined quantity level
- 4.8 Maintaining storage and security of linen
- 4.9 Maintaining Records of linen stock

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Skill check out
- Final written exam

Assessment Criteria

LO1. Prepare area for bed making

- Equipment used for bed making are identified
- Height of the bed is adjusted
- The bed and the surrounding is Cleaned
- The bed linen is checked for displaced personal items, aids and equipment

LO2. Make bed

- Privacy is maintained
- The bed linen is Stripped
- Clinical waste and soiled linen is properly Removing
- The bed is Cleaning
- The patient in bed is Comforted
- Reusable clean bed linen is properly Handled
- Mattresses and pillows are Cleaned

LO3. Leave bed ready for occupancy or continued occupancy

- Brakes are applied
- The bad is made ready for occupancy
- Damaged and/or faulty beds, equipment, mattresses, pillows and lines are timely Reported
- Cleaning materials are Cleaned and retuned

LO4. Collect and manage Linen Stock at User-Locations

- soiled linens are Collected
- soiled linen properly Transported
- Hazards are properly identified and reported
- Re-stocking linen is insured
- Rotating and returning linen for processing is made
- optimum stock level is Maintained
- Requisitioning of linen to the predetermined quantity level is made
- Storage and security of linen is Maintained
- Linen stock record is Maintained

Annex: Resource Requirements

HLTNUR3 M04 0122Preparing and Maintaining Beds				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	Fundamentals of Nursing : Human Health and Functions.	2 nd Edition. Hippincott. Philadelphia. 1996Craven, R.F &Hirnle, G.J.	5	1:5
3.2	The Lippincott Manual of Nursing practice.	6 th Edition. Lippincott. Philadelphia. 1996.Nettina, S.M	5	1:5
3.3	Fundamentals of Nursing: Concepts, process and practice.	4 th Edition. Addison-Welsey California. 1991. Kozier, B, Erb, G., *&Oliveieri, R.	5	1:5
3.4	Manual of Nursing Art procedures.	1 st Edition Delhi publishing House. India.	5	1:5
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			

1.	Lecture Room	standard		
2.	Library	Standard		
C.	Consumable Materials			
1.	Paper	A4	5rim	1:5
2.	Pen	Standard		
3.	Pencil and rubber	Standard		
4.	Graph paper	Standard		
5.	Bucher paper	Standard	10	1:3
6.	Marker	Standard	12 per pack	
7.	Printer ink	Standard	4	
8.	White board marker	Standard	15	
	Plaster	Standard		
D.	Tools and Equipment			
1.	Doll	Standard	4	1:5
2	Computer	Lap top	1	1: 25
3	LCD projector	LCD Projector	1	1: 25
4	Printer	Laser Jet	1	1: 25
5	Photocopy machine	Standard	1	1: 25
6	Scanner	Standard	1	1: 25
7	Back up	Standard	1	1: 25
8	White board	110X80mm	1	1:25
	Bed	Standard	5	1:5
	Linen	Standard	5	1:5
	Blanket	Standard	5	1:5
	Bed spread	Standard	5	1:5
	Makin tosh	Standard	5	1:5
	Bed cradle	Standard	5	1:5
	Foot rest	Standard	5	1:5
	Sand bag	Standard	5	1:5
	Back rest	Standard	5	1:5

LEARNING MODULE -05	
TVET-PROGRAMME TITLE: Nursing -Level III	
MODULE TITLE: Providing Basic nursing care	
MODULE CODE: HLTNUR3 M05 0122	
NOMINAL DURATION: 292Hrs	
MODULE DESCRIPTION: This module aims to provide the trainees with the knowledge, skills and attitude of required to perform basic nursing care in health facilities and community services.	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Identify causes of diseases LO2. Introducing to human body structure and function LO3. Identify clients need to individualize nursing care. LO4. Minimize risk of injury LO5. Manage patient safety and comfort LO6. Provide hygienic care for patients LO7. Perform patient transportation	
MODULE CONTENTS: LO1. . Identify causes of diseases. 1.1. Causes of disease 1.2. Infectious disease 1.3. Basic components of disease transmission 1.4. Structure, Function and Multiplication of Microorganisms 1.4.1 Prokaryotes and eukaryotes 1.4.2 Bacteria 1.4.3 Virus 1.4.4 Rickettsia and Chlamydia 1.4.5 Mycoplasma, actinomycetes, 1.4.6 Fungi 1.4.7 Protozoa 1.4.8 Helminths 1.4.9 Parasitology 1.4.10 Immunology	

LO2.Introducing to human body structure and function

- 2.1. Basic concept of human anatomy and physiology
- 2.2. Structure and function of skeletal system
- 2.3. Structure and function of muscular system
- 2.4. Structure and function of nervous system
- 2.5. Structure and function of endocrine system
- 2.6. Structure and function of cardiovascular systems
- 2.7. Structure and function of respiratory system
- 2.8. Structure and function of digestive system
- 2.9. Structure and function of urinary systems
- 2.10. Structure and function of reproductive organs
- 2.11. Anatomy and Physiology of head, Eye, Ear, Nose and Throat (HEENT)
- 2.12. Anatomy and physiology of the immune system
- 2.13. Fluid and electrolyte balance
- 2.14. Acid base balances

LO3.Identifying clients need to individualize nursing care

- 3.1. Basic concept of nursing care
- 3.2. History of nursing
- 3.3. Nursing theories and models
- 3.4. Level of skill development
- 3.5. Identifying materials for basic nursing care
- 3.6. Purpose of basic nursing care
- 3.7. Therapeutic communication
- 3.8. Caring for the patient care unit
- 3.9. Cleaning patient unit
- 3.10. Ensuring ventilation and lighting of the patient room
- 3.11. Collecting patient specimen
- 3.12. Feeding a helpless patient
- 3.13. Applying cold and heat application
- 3.14. Following appropriate aseptic techniques

LO3. Minimize risk of injury

- 3.1. Body mechanics
- 3.2. Basic concept of safe manual handling

- 3.3. Manual handling equipment
- 3.4. Body posture and handling techniques
- 3.5. Safe work practice
- 3.6. Load and un load packs

LO4. Managing patient safety and comfort

- 4.1. Taking patient's vital signs
- 4.2. Applying cotton rings
- 4.3. Applying foot-board
- 4.4. Applying pillows
- 4.5. Applying air rings
- 4.6. Applying bed-cradle
- 4.7. Adjusting side rails of beds
- 4.8. Applying sand bag
- 4.9. Applying splint
- 4.10. Applying fracture board
- 4.11. Applying back rest

LO5. Providing hygienic care for patients

- 5.1. Giving bed bath
- 5.2. Giving tub bath
- 5.3. Giving back care
- 5.4. Giving sits bath
- 5.5. Giving mouth care
- 5.6. Giving bed pan and urinals
- 5.7. Giving perennial care
- 5.8. Giving morning, afternoon and evening care
- 5.9. Giving pediculosis treatment
- 5.10. Giving Hair shampoo

LO6. Performing patient transportation

- 6.1. Identifying transportation requirement
- 6.2. Selecting transportation equipment
- 6.3. Equipment to assist client movement

6.4. Patient Dangling 6.5. Patient positioning 6.6. Ambulating a patient 6.7. Lifting a patient in bed 6.8. Moving a patient from bed to stretcher 6.9. Moving a patient from stretcher to bed 6.10. Moving a patient from bed to chair 6.11. Moving a patient from chair to bed
Learning Methods:
• Interactive lecture • Group discussion • Demonstration • Group assignment • Individual assignment
Assessment Methods: Continuous 70%, Final 30%
• Continuous assessments (quiz, assignment, tests etc.). • Oral questioning • Skill check out • Final written exam

Assessment Criteria

LO.1. Identify causes of diseases.

- Causes of disease are described
- Basic concept of Infectious disease is explained
- Components of disease transmission is identified
- Disease causing microorganisms are explained

LO2. Introduce to human structure and function

- Basic concept of anatomy and physiology is described.
- Anatomy and physiology of integumentary system is described
- Anatomy and physiology of musculoskeletal system is explained
- Anatomy and physiology of respiratory system is described
- Anatomy and physiology of digestive system is described
- Anatomy and physiology of cardiovascular system is described
- Anatomy and physiology of genitourinary system is described
- Anatomy and physiology of endocrine system is described
- Anatomy and physiology of nervous system is described
- Anatomy and Physiology of Head, Eye, Ear, Nose and Throat (HEENT) is described
- Anatomy and physiology of the reproductive system is described
- Anatomy and physiology of the immune system is described

LO3. . Identify clients need to individualize nursing care.

- Available options are identified for professional skill development
- Strategies are developed and care plan outlined based on procedure guide
- Patient condition and purpose of care are defined
- Indication of procedures and contraindication is understood
- Procedures and policies are correctly implemented
- Necessary material and tools are identified and organized
- Patient unit and equipment are cleaned and tidy.
- Client provider relationship through appropriate language, and recognize cultural, spiritual and religious backgrounds are established and maintained.
- Nursing care procedures and safety appliances are identified
- Procedures that need aseptic technique and clean techniques are well identified.

- Client cooperation and consent are sought
- Patient privacy policy is insured
- Verbal communication of patient before, intra and end of procedure is insured
- Occupational health and safety procedures and safe working practices are applied

LO4. Minimize risk of injury

- Appropriate posture and handling techniques are used to reduce muscle load on exertion.
- Work tasks involving vibration are managed in accordance with workplace policies and procedures.
- Appropriate manual handling techniques and equipment are used to meet customer needs within own scope of responsibility.
- Loads are packed appropriately for easy handling.
- Lifting limitations prescribed within relevant guidelines are followed.
- Safe work practices are used in handling loads.
- Appropriate personal protective Equipment is worn..

LO5. Manage patient safety and comfort

- Appropriate posture and handling techniques are used to reduce muscle load on exertion.
- Work tasks involving vibration are managed in accordance with workplace policies and procedures.
- Appropriate manual handling techniques and equipment are used to meet customer needs within own scope of responsibility.
- Loads are packed appropriately for easy handling.
- Lifting limitations prescribed within relevant guidelines are followed.
- Safe work practices are used in handling loads.
- Appropriate personal protective Equipment is worn.

LO6. Provide hygienic care for patients

- Appropriate hygienic care are identified according to client needs
- Procedure is explained to client or relevant personnel
- Equipment for hygienic care is selected according to clients requirements and checked to ensure that it is clean, complete and correctly functioning
- Environment is appropriately prepared

- Appropriate action is taken to ensure client comfort and safety throughout giving hygienic care

LO7. Perform patient transportation

- Transportation requirements are confirmed with relevant personnel.
- Procedure is explained to client or relevant personnel
- Equipment for transportation is selected according to transportation requirements and checked to ensure that it is clean, complete and correctly functioning.
- Any other Equipment is checked to ensure that it is attached correctly and safely to transportation equipment
- Client is transported to designated location in accordance with transportation requirements and organizational policy.
- Equipment is maneuvered to ensure comfort to ensure client comfort and safety and minimal risk to self.
- Requirements for assisting with client movement are confirmed with relevant personnel and care plan.
- Equipment is selected according to client requirements.
- Environment is appropriately prepared.
- Procedure is explained to client and questions answered as required and according to appropriate communication protocols.
- Patient/Client consent and cooperation is sought.
- Client movement is carried out using appropriate safe handling method and equipment as required.
- Appropriate action is taken to ensure client comfort and safety throughout positioning or transfer.

Annex: Resource Requirements

HLTNUR3 M05 0122 Providing Basic nursing care				
Item No.	Category/Item	Description/Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			1:2
3.	Reference Books		50	1:2
3.1	Fundamentals of Nursing : Human Health and Functions.	2 nd Edition. Hippincott. Philadelphia. 1996Craven, R.F &Hirnle, G.J.	5	1:5
3.2	The Lippincott Manual of Nursing practice.	6 th Edition. Lippincott. Philadelphia. 1996.Nettina, S.M	5	1:5
3.3	Fundamentals of Nursing: Concepts, process and practice.	4 th Edition. Addison-Welsey California. 1991. Kozier, B, Erb, G., *&Oliveieri, R.	5	1:5
3.4	Manual of Nursing Art procedures.	1 st Edition Delhi publishing House. India.	5	1:5
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	5*5m	1	1:25
2.	Library		1	1:25
C.	Consumable Materials			

1	Paper	A4	5rim	1:5
2	Pen	Standard		1:5
3	Pencil and rubber	Standard		1:5
4	Graph paper	Standard		1:5
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per pack	1:5
7	Printer ink	Standard	4	1:5
8	White board marker	Standard	15	1:5
9	Plaster	Standard		1:5
D.	Tools and Equipment			
1.	Doll		5	1:5
2	Computer	Lap top	1	1:25
3	LCD projector	LCD Projector	1	1:25
4	Printer	Laser Jet	1	1:25
5	Photocopy machine	Standard	1	1:25
6	Scanner	Standard	1	1:25
7	Back up	Standard	1	1:25
8	White board	110X80mm	1	1:25
9	Basin equipment's	Standard	5	1:5
10	PPE	Standard	25	1:1
11	V/S equipment's	Standard	5	1:5
12	Screen	Standard	5	1:5
13	Makin Tosh	Standard	5	1:5
14	Bed	Standard	5	1:5
15	Pajama	Standard	5	1:5
16	Large towel	Standard	5	1:5
17	Bath blanket	Standard	5	1:5
18	Face towel	Standard	5	1:5
19	Mouth care equipment's	Standard	5	1:5
20	Shampooing equipment's	Standard	5	1:5
21	Mirror	Standard	5	1:5

LEARNING MODULE -06	
TVET-PROGRAMME TITLE: Nursing –Level III	
MODULE TITLE: Providing wound care	
MODULE CODE: HLTNUR3 M06 0122	
NOMINAL DURATION: 83hrs	
MODULE DESCRIPTION: This module aims to provide the trainees with the knowledge, skills and attitudes of the principles of infection prevention, in relation to wound care processes in a variety of health care contexts. This will include assisting wound assessment and contemporary wound care working with the wound management health care team.	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Assess and identify wound LO2. Contribute to planning appropriate care for the client with a wound LO3. Perform wound care LO4. Implement wound care LO5. Evaluate the outcomes of nursing actions	
MODULE CONTENTS: LO1. Assessing and identifying wound 1.1 Basic concept of wound 1.2 Type of wound 1.3 Identifying dressing material 1.4 Assessing wound 1.5 Wound debridement 1.6 Wound dressing 1.7 Phase of wound healing process 1.8 Factors affecting wound healing LO2. Planning wound care 2.1 Discussing wound care plan with patient/family 2.2 .Holistic approach principles during planning 2.3 Planning client comfort needs before undertaking wound care. 2.4 . Creating awareness on potential impact of wound on client and/or family	

LO3. Implementing wound care

- 3.1 Delivering necessary information to the patient or relatives.
- 3.2 Ensuring client cooperation
- 3.3 Collecting all requirements for the procedure
- 3.4 Make patient comfortable
- 3.5 .Maintain client privacy and dignity
- 3.6 .Use clean and sterilized tools
- 3.7 .Following aseptic techniques
- 3.8 . Performing wound care procedure
- 3.9 . Following appropriate waste disposal techniques
- 3.10.Documenting the procedure and findings

LO4. Evaluate the outcomes of nursing actions

- 4.1 Ensuring client involvement
- 4.2 Reporting on going progress
- 4.3 Discussing client progress

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%), Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Skill check out
- Final written exam

Assessment Criteria

LO1. Assess and identify wound

- Basic concept of wound is described.
- Types and classification of wound are defined
- Principles of wound healing are understood
- Asepsis of wound is identified
- Dressing material is identified and made ready
- Aseptic technique is followed
- Factors of wound healing are understood
- Wound condition is evaluated in accordance with the standard procedures

LO2. Contribute to planning appropriate care for the client with a wound

- Wound care is discussed with the client in conjunction with the registered nurse.
- The sequencing, timing and client needs are taken into account when planning care.
- Primary health care principles and holistic approach are taken into account when planning care.
- Knowledge of physiological processes associated with normal wound healing in planning and delivering treatments is utilized.
- Client comfort needs are identified (e.g. pain relief) before undertaking wound care.
 - Awareness of the potential impact of wound on client and/or family is developed.

LO3. Implement wound care

- Necessary information is delivered to the patient or relatives.
- Client cooperation is ensured following the medical manual
- All requirements are collected for the procedure.
- Client privacy and dignity is maintained throughout the process.
- Dressing is performed following the standard procedure.
- Follow aseptic technique for clean surgical wound and use clean techniques for clean wounds by application of the principles of infection prevention.
- Client is made comfortable.
- Hazardous waste is disposed of in line with the organisation policies and procedures.
- Used tools are cleaned and sterilized according to the infection prevention procedure and documentation is completed.

- Wound care is identified, after the approval of registered nurse, is agreed for implementation.

LO4. Evaluate the outcomes of nursing actions

- Client is involved in the evaluation process.
Documentation records of the on-going progress are ensured.
- Progress is reported to and discussed with a registered nurse

Annex: Resource Requirements

(HLTNUR3 M06 0122 Providing wound care)				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	<i>Learning Materials</i>			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	Fundamentals of Nursing : Human Health and Functions.	2 nd Edition. Hippincott. Philadelphia. 1996Craven, R.F &Hirnle, G.J.	5	1:5
3.2	The Lippincott Manual of Nursing practice.	6 th Edition. Lippincott. Philadelphia. 1996.Nettina, S.M	5	1:5
3.3	Fundamentals of Nursing: Concepts, process and practice.	4 th Edition. Addison-Welsey California. 1991. Kozier, B, Erb, G., *&Oliveieri, R.	5	1:5
4.	Journals/Publication/Magazines			
B.	<i>Learning Facilities & Infrastructure</i>			
1.	Lecture room	Standard		
2.	Library	Standard		
C.	<i>Consumable Materials</i>			
1	Paper	A4	5rim	1:5
2	Pen	Standard		
3	Pencil and rubber	Standard		

4	Graph paper	Standard		
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per pack	
7	Printer ink	Standard	4	
8	White board marker	Standard	15	
9	Plaster	Standard		
10	Sterile Gauze	Standard		
11	Antiseptic solution	Standard		
D.	Tools and Equipment			
1.	Doll		4	1:5
2	Computer	Lap top	1	1:25
3	LCD projector	LCD Projector	1	1:25
4	Printer	Laser Jet	1	1:25
5	Photocopy machine	Standard	1	1:25
6	Scanner	Standard	1	1:25
7	Back up	Standard	1	1:25
8	White board	110X80mm	1	1:25
	Dressing set	Standard	5	1:5
	Antiseptic solution	Standard	5	1:5
	Arm model	Standard	5	1:5
	PPE	Standard	5	1:5
	Adhesive Laster	Standard	5	1:5
	Role Bandage	Standard	5	1:5

LEARNING MODULE -07	
TVET-PROGRAMME TITLE: Nursing -Level III	
MODULE TITLE: Administering and monitoring range of medication	
MODULE CODE: HLTNUR3 M07 0122	
NOMINAL DURATION: 294Hrs	
MODULE DESCRIPTION: This module aims to describe the knowledge, skills and attitude required of enrolled nurses to administer, monitor and evaluate medications and their effectiveness for clients within a health environment	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Apply pharmacology in the field of nursing practice. LO2. Minimize potential risk to the safe administration of medications LO3. Prepare a medications LO4. Perform medications administration LO5. Monitor and evaluate client response to administered medication	
MODULE CONTENTS: LO1. Applying pharmacology in the field of nursing practice (Theory 64Hrs) 1.1 . Basic concept of pharmacology 1.2 .Pharmaco-dynamics 1.3 .Pharmacokinetics 1.4 . Classification of drugs 1.5 . Adverse reactions of drug 1.6 .Pharmaceutical dosage forms and system of measurement 1.7 .Dosage calculations 1.8 .Drugs standards and nursing management 1.9 .Drugs affecting the gastrointestinal system 1.10 .Anti - inflammatory drugs 1.11 .Drugs act on respiratory system 1.12 . Drugs act on cardiovascular system 1.13 . Drugs act on the renal system 1.14 .Drugs act on endocrine system 1.15 .Drugs act on the nervous system	

- 1.16 .Drugs act on the musculoskeletal system
- 1.17 .Drug that act on integumentary system
- 1.18 .Drug that act on EENT system
- 1.19 .Chemotherapy of infectious diseases
- 1.20 .Cancer chemotherapy
- 1.21 . Pregnancy drug category and classification
- 1.22 .Describing fluids and minerals
- 1.23 .Essential drugs list in Ethiopia

LO2. Minimize potential risk to the safe administration of medications

- 2.1 Checking expiate date
- 2.2 Medication chart
- 2.3 Common contraindications and adverse reactions
- 2.4 Checking allergies

LO3. Preparing medications

- 3.1 Common terminology associated with drug, fluid and electrolytes
- 3.2 Medication preparation
- 3.3 Forms of medication
- 3.4 Site of injections
- 3.5 Route of administration
- 3.6 Principles of medication administration
- 3.7 Potential risk related with medication administration
- 3.8 Storing & handling of medication
- 3.9 Delivery of drug doses

LO4. Performing medication administration

- 4.1 Ten rights of medication administration
- 4.2 Administering Oral medication
- 4.3 Administering intra-dermal medication
- 4.4 Administering subcutaneous medication
- 4.5 Administering intravenous medication
- 4.6 Administering intravenous infusion

4.7 Administering blood transfusion

4.8 Applying topical medication

LO5. Monitoring and evaluating client response to administered medication

5.1 Monitoring client responses

5.2 Managing adverse reaction

5.3 Medication errors

5.4 Documentation

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Skill check out
- Final written exam

Assessment Criteria

LO1. Apply pharmacology in the field of nursing practice

- Basic pharmacological knowledge is explained
- Basic pharmacology is applied
- Basic knowledge about pharmacodynamics and pharmacokinetics is applied.
- Knowledge about drug calculations, right route of administration, side effects, mechanism of action, toxicity are assessed before, during and after administration.
- Pharmacology and substance incompatibilities are identified in relation to specific situations involving medication administration
- Nursing care procedures and safety appliances are identified

LO2.Minimize potential risk to the safe administration of medications

- Expiry dates of medication are checked prior to administration.
- Client medication chart is checked in relation to timing and route of medication to be administered.
- Issues are raised related to drug and poison administration with the registered nurse or another appropriate person if the registered nurse is not available.
- Common contraindications and adverse reactions of prescribed medications are checked, identified and referred to the registered nurse.
- Client identity is confirmed and checked for any known allergies.

Ensure infection control methods are applied correctly.

LO3. Prepare medications

- The process of medication administration is explained to the client and ensures their readiness.
- The client is positioned appropriately prior to the administration of medication
- Dosages for administration of drugs is accurately calculated
- The client is positioned appropriately prior to administration of medication

LO4. Perform medication administration

- Medication administration route is correctly identified for each medication to be administered, using appropriate terminology.

- The effect of commonly used medications is considered on the body prior to medication administration.
- The process of medication administration to the client is explained and ensured their readiness.
- Medications are stored in a safe manner according to the legislative requirements and organizational policy.
- Administration route for each medication to be administered is correctly identified using appropriate terminology.
- The effect of commonly used medications on the body is considered prior to medication for administration of drugs.
- Dosages for administration of drugs is accurately calculated
- Expiry dates of medication are checked prior to administration.
- Client medication chart is checked in relation to timing and route of medication to be administered

LO5. Monitor and evaluate client response to administered medication

- Administration of medications is recorded in accordance with relevant policy and procedures.
- Information is provided to clients and caretakers on medication administration (including possible side effects) in consultation/collaboration with the health care team.
- Client understanding of information provided is evaluated
- Acute and delayed adverse reactions to medications are recognized and acted upon within role responsibility.
- Emergency actions to address acute and delayed adverse reactions are implemented within role responsibility.
- Response to emergency strategies is recorded and reported, where appropriate.
- Client experiencing pain is assessed and managed using appropriate medication and non-medication therapies.
- Effectiveness of pain relieving medication is recorded and reported
- Clients are observed and questioned to identify signs of pain and/or discomfort
- The location and nature of pain are clarified and factors which may influence a client's perception of pain taken into account

- Pain assessment scale is used to ensure consistency of interpretation.
- Comprehensive observations are undertaken as required to assess pain experienced by client.
- A range of medication and complementary strategies which may assist in alleviation of pain and discomfort are identified and applied in consultation/collaboration with health care personnel
- The effectiveness is monitored and evaluated using these strategies in consultation/collaboration with health care team
- Observations and evaluation of pain are recorded

Annex: Resource Requirements

(HLTNUR3 M07 0122 Administering and monitoring range of medication)				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			1:2
3.	Reference Books		50	1:2
3.1	Fundamentals of Nursing : Human Health and Functions.	2 nd Edition. Hippincott. Philadelphia. 1996Craven, R.F &Hirnl, G.J.	5	1:5
3.2	The Lippincott Manual of Nursing practice.	6 th Edition. Lippincott. Philadelphia. 1996.Nettina, S.M	5	1:5
3.3	Fundamentals of Nursing: Concepts, process and practice.	4 th Edition. Addison-Welsey California. 1991. Kozier, B, Erb, G., *&Oliveieri, R.	5	1:5
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	5*5m	1	1:25
2.	Library		1	1:25
C.	Consumable Materials			
1	Paper	A4	5rim	1:5
2	Pen	Standard		

3	Pencil and rubber	Standard		
4	Graph paper	Standard		
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per pack	
7	Printer ink	Standard	4	
8	White board marker	Standard	15	
9	Plaster	Standard		
10	Cotton	Standard		
11	Antiseptic solutions	Standard		
12	Syringes	Standard		
13	IV Cannula	Standard		
14	Medication (PO, IM, SC, IV, Topical, ID)			
D.	Tools and Equipment			
1.	Doll		4	1:5
2	Computer	Lap top	1	1:25
3	LCD projector	LCD Projector	1	1:25
4	Printer	Laser Jet	1	1:25
5	Photocopy machine	Standard	1	1:25
6	Scanner	Standard	1	1:25
7	Back up	Standard	1	1:25
8	White board	110X80mm	1	1:25
9	Medication			

LEARNING MODULE -08	
TVET-PROGRAMME TITLE: Nursing –Level III	
MODULE TITLE: Providing Palliative Care and Maintain Mortuary Service	
MODULE CODE: HLTNUR3 M08 0122	
NOMINAL DURATION: 75hrs	
MODULE DESCRIPTION: This module describes the knowledge, skills and attitude required for a mortuary worker to maintain the day-to-day operation of a hospital or forensic mortuary involving the receipt and release of deceased persons, preparing deceased persons for viewing and maintaining the mortuary environment..	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Identify and apply palliative approach to care. LO2. Identify needs of a person requiring end of life care. LO3. Provide care after death LO4. Receive bodies at mortuary LO5. Prepare bodies for viewing LO6. Maintain the mortuary environment LO7. Release bodies to funeral director/ conveyors LO8. Follow security requirements	
MODULE CONTENTS: LO1. Identifying and applying palliative approach to care 1.1. Basic concept of palliative and hospice care. 1.2 Identifying physiological changes 1.3 Assessing client using palliative principles and approach 1.4. Pain management and quality of life 1.5. Formulating lifestyle choices and plan of care 1.6 Planning multidisciplinary palliative care LO2. Providing end of life care. 2.1. Stage of death and dying 2.2. Legal and ethical issues during dying care 2.3. Supporting person, families and care givers	

2.4. End of life care

LO3. Providing care after death

- 3.1 Applying standard precautions during care of body
- 3.2 Carrying out with dignity and respect
- 3.3 Postmortem care
- 3.4 Cleaning the mortuary environment
- 3.5 Bereavement support

LO4. Receive bodies at mortuary

- 4.1 Ensuring identification with records.
- 4.2 Transferring bod to morgue
- 4.3 Documenting with the legal requirements
- 4.4 Storing Body

LO5 Prepare bodies for viewing

- 5.1 Preparing and presenting body
- 5.2. Treating body with respect where practicable
- 5.3. Maintaining correct lines of communication with key personnel
- 5.4. Showing Empathy to bereaved family and friends
- 5.5 Documentation

LO6. Following security requirements

- 6.1 Handling Evidence
- 6.2 Following Security procedures
- 6.3 Liaising with internal and external personnel

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Skill check out
- Final written exam

Assessment Criteria

LO1. Identifying and applying palliative approach to care

- Assessments using palliative principles and approach are undertaken.
- Path physiological changes associated with a life-limiting illness are applied.
- Pain management and implement strategies are addressed.
- Preferences for symptom management and quality of life are assessed.
- Lifestyle choices to formulate and implement the plan of care are reflected.
- Multidisciplinary health care team when planning palliative care is identified and worked within roles and responsibilities

LO2. Identifying and providing end of life care.

- nursing care is provided by applying a palliative approach and culturally Sensitive issue.
- Physiological signs and symptoms of dying are Identified
- Dignity of the person is maintained
- legal and ethical issues are insured

LO3. Providing care after death

- Extinction of life and acknowledge bereavement support is determined.
- Ensure after death care is carried out with dignity and respect, and that individual customs, culture, religion, spiritual practices and choices are taken into account.
- Care of the body is given after death using standard precautions

LO4. Receive bodies at mortuary

- Checking processes are thorough and completed to ensure the identification and confirmation with records.
- Transfer from trolley is undertaken according to the organizational policy and procedure
- Documentation and registration are processed in accordance with the legal

requirements and established procedures

- Body is stored in accordance with the organizational policy and procedures
- Infection control policy and procedures are strictly followed

LO5 Prepare bodies for viewing

- Body is prepared and presented in accordance with the organizational policy and procedures
- Body are treated with respect and, where practicable, in accordance with the cultural requirements.
- Correct lines of communication with key personnel are maintained
- Empathy is shown to bereaved family and friends
- Body is stored in refrigeration cabinets in accordance with the organizational policy and procedures

LO6. Maintaining the mortuary environment

- The mortuary environment is cleaned according to the organizational policy
- Waste is disposed according to the organizational policy
- Inventory of linen, consumables and stock are maintained with the organizational policy and procedures

LO7. Releasing bodies to Funeral Director/ Conveyors

- Liaison is occurred with *key internal and external personnel*.
- Checking processes conducted are thorough and complete to ensure identification and confirmation with records
- Documentation is processed in accordance with the established procedures

LO8. Following security requirements

- Evidence is handled and safeguarded
- Security procedures are followed.
- Liaise is done with internal and external personnel
- Visitor register is maintained as required and checked to ensure the accuracy.

Annex: Resource Requirements

HLTNUR3 M08 0122 Providing Palliative Care and Maintain Mortuary Service				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	<i>Learning Materials</i>			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	Fundamentals of Nursing : Human Health and Functions.	2 nd Edition. Hippincott. Philadelphia. 1996Craven, R.F &Hirnl, G.J.	5	1:5
3.2	The Lippincott Manual of Nursing practice.	6 th Edition. Lippincott. Philadelphia. 1996.Nettina, S.M	5	1:5
3.3	Fundamentals of Nursing: Concepts, process and practice.	4 th Edition. Addison-Welsey California. 1991. Kozier, B, Erb, G., *&Oliveieri, R.	5	1:5
4.	Journals/Publication/Magazines			
B.	<i>Learning Facilities & Infrastructure</i>			
1.	Lecture Room	Standard		
2	LCD /Projector		1	1:25
3	Laptop/PIC			
4	White board		1	1:25
5	Power point pointer		1	1:25

6.	Library	Standard		
C.	<i>Consumable Materials</i>			
1.	Paper	A4	5rim	1:5
2.	Pen	Standard		
3	Pencil and rubber	Standard		
4	Graph paper	Standard		
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per pack	
7	Printer ink	Standard	4	
8	White board marker	Standard	15	
9	Plaster	Standard		
D.	<i>Tools and Equipment</i>			
1.	Doll		5	1:5
2	Computer	Lap top	1	1:30
3	LCD projector	LCD Projector	1	1:30
4	Printer	Laser Jet	1	1:30
5	Photocopy machine	Standard	1	1:30
6	Scanner	Standard	1	1:30
7	Back up	Standard	1	1:30
8	White board	110X80mm	1	1:30
2.	Dressing set		5	1:5
3	<i>Equipment</i>	Standard	5	1:5
3.1	Head rests	Standard	5	1:5
3.2	Drapes	Standard	5	1:5
3.3	Sheets	Standard	5	1:5
3.4	Pillows	Standard	5	1:5
3.5	Shrouds	Standard	5	1:5
3.6	Cleaning materials	Standard	5	1:5
3.7	<i>Personal protective equipment</i>			
3.7.1	Face protection	Standard	25	1:1
3.7.2	Eye protection	Standard	25	1:1

3.7.3	Gown	Standard	25	1:1
3.7.4	Apron	Standard	25	1:1
3.7.5	Surgical suits	Standard	25	1:1
3.7.6	Gloves	Standard	25	1:1
3.7.7	Protective footwear	Standard	25	1:1
3.8	<i>Mortuaryenvironment</i>			
3.8.1	Viewing room			
3.8.2	Refrigeration			
3.8.3	Tables			
3.8.4	Storage areas			
3.8.5	Vehicle delivery/collection bay			

LEARNING MODULE -09	
TVET-PROGRAMME TITLE: Nursing Level-III	
MODULE TITLE: Providing Comprehensive Family Planning Service	
MODULE CODE: HLT NUR3 09 0122	
NOMINAL DURATION: 105hrs	
MODULE DESCRIPTION: This module aims to provide the trainees with the knowledge, skills and attitudes required for planning, promoting, providing, monitoring and evaluating comprehensive family planning services.	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Describe and Plan family planning services LO2. Promote family planning services LO3. Provide family planning services LO4. Monitor family planning services	
MODULE CONTENTS: LO1. Describing and Plan family planning services 1.1. Defining family planning 1.2. Basic component of comprehensive family planning 1.3. Modern and traditional family planning methods 1.4. Resource mapping 1.5. Eligibility 1.6. Calculating number of expected target group for family planning Practice 1.7. Developing a plan of action to reach eligible LO2. Promoting family planning services 2.1. Communicating with influential community representatives and voluntaries 2.2. Undertaking community mobilization 2.3. Implementing family planning practice promotion and education 2.4. Sustaining family planning practice promotion and education 2.5. Considering individual client needs on promoting family planning health services	

LO3. Providing family planning services

- 3.1. Performing counseling
- 3.2. Advocating informed decision making
- 3.3. Ensuring clients consent
- 3.4. Collecting all necessary requirements for the procedure
- 3.5. Maintain client privacy and dignity
- 3.6. Utilizing clean and sterilized tools
- 3.7. Following aseptic techniques
- 3.8. Providing short acting and barrier methods of family planning
- 3.9. Assisting long acting family planning Methods
- 3.10. Following appropriate waste disposal techniques
- 3.11. Consulting for side-effect managements
- 3.12. Referring clients with appropriate indication
- 3.13. Providing follow up
- 3.14. Documenting the procedure

LO4. Monitoring family planning services

- 4.1. Collecting family planning services data
- 4.2. Collecting, sustaining and updating RH events data
- 4.3. Utilizing HMIIS standards for registration of FP related activities
- 4.4. Reporting family planning activities to the concerned higher bodies
- 4.5. Monitoring family planning practice
- 4.6. Revising plan FP health services for the catchments

Learning Methods:

- Interactive lecture
- Group discussion
- Demonstration
- Role play
- Simulation
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%), Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Skill check out
- Final written exam

Assessment Criteria

LO1. Describe and Plan family planning services

- Family planning is defined
- Basic component of comprehensive family planning is understood
- Modern and traditional family planning methods is identified
- Resource mapping conducted
- Eligibility assessed
- Number of expected target group for family planning Practice calculated
- Plan of action to reach eligible developed

LO2. Promote family planning services

- Influential community representatives and voluntaries identified and communicated
- Community mobilization undertaken
- Family planning practice promotion and education performed
- Family planning practice promotion and education sustained
- Individual client needs on promoting health considered

LO3. Provide family planning services

- Counseling performed
- Informed decision making advocated
- Consent taken
- Necessary requirements for the procedure prepared
- Client privacy and dignity maintained
- Clean and sterilized tools utilized
- Aseptic techniques followed
- Short acting and barrier methods of family planning provided
- Long acting family planning Methods assisted

- Appropriate waste disposal techniques followed
- Side-effect consulted
- Clients referred with appropriate indication
- Follow up provided
- Procedure documented

LO4. Monitor family planning services

- Family planning services data collected
- Family planning services data updated and sustained
- HMIIS standards for registration of FP related activities utilized
- Family planning activities reported to higher bodies
- Family planning practice monitored
- Plan for FP health services for the catchments are revised

Annex: Resource Requirements

HLT NUR3 09 0122 Providing Comprehensive Family Planning Service				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	OA. OJO, text book for midwives in use topics,	second edition, Great Britain (C) 1982	5	1:5
3.2	Myles, Text book for midwives,	twelfth edition, Hong Kong (C) 1998	5	1:5
3.3	Comprehensive family planning training manual	2018	5	1:5
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	Standard		
2.	Library	Standard		
C.	Consumable Materials			
1	Paper	A4	5rim	1:5
2	Pen	Standard		
3	Pencil and rubber	Standard		
4	Graph paper	Standard		
5	Bucher paper	Standard	10	1:3
6	Marker	Standard	12 per pack	
7	Printer ink	Standard	4	
8	White board marker	Standard	15	

9	Plaster	Standard		
10	Family planning teaching materials	Standard		
D.	Tools and Equipment			
1.	Doll	Standard	5	1:5
2.	Dressing set	Standard	5	1:5
3	Disposable glove	Standard	5	1:1
4	Surgical glove	Standard	5	1:1
5	Pills (COC, POC)	Standard	10	1:5
6	Implants	Standard	10	1:5
7	IUCD	Standard	10	1:5
2	Computer	Lap top	1	1:25
3	LCD projector	LCD Projector	1	1:25
4	Printer	Laser Jet	1	1:25
5	Photocopy machine	Standard	1	1:25
6	Scanner	Standard	1	1:25
7	Back up	Standard	1	1:25
8	White board	110X80mm	1	1:25

LEARNING MODULE 10	
TVET-PROGRAMME TITLE: Nursing Level-III	
MODULE TITLE: Providing Adolescent, Youth and Reproductive Health	
MODULE CODE: HLT NUR3 10 0122	
NOMINAL DURATION : 71Hours	
MODULE DESCRIPTION: This module aims to provide the trainees with the knowledge, skills and attitudes required to plan, promote and provide adolescent and youth friendly reproductive health service	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Plan adolescent and youth RH services LO2. Promote adolescent and youth RH services LO3. Provide RH service package LO4. Register and document RH records	
MODULE CONTENTS: LO1. Planning adolescent and youth RH services (Theory 6hrs) 1.1. Describing History, concepts, definitions, terminologies, components of RH 1.2. Eligible and target groups for RH 1.3. Resource mapping 1.4. Developing action plan based on priority health need LO2. Promoting adolescent and youth RH services(Theory 8hrs) 2.1. Improving RH service seeking behavior 2.2. Communicating with influential community representatives and voluntaries 2.3. Undertaking community mobilization 2.4. Implementing reproductive health service promotion and education 2.5. Sustaining reproductive health service promotion and education 2.6. Considering individual client needs on promoting reproductive health service 2.7. Preventing gender based violence and harmful traditional practices LO3. Providing RH service package (Theory 8hrs) 3.1. Identifying Client's RH problem	

- 3.2. Managing low risk conditions of sexual transmitted infections
- 3.3. Consulting/refereeing high risk conditions of sexual transmitted infections
- 3.4. Counselling on compliance of advice and treatment
- 3.5. Providing Follow up

LO4.Registering and document RH records (Theory 4hrs)

- 4.1. Utilizing HMIIS standards for registration of RH related activities
- 4.2. Collecting, sustaining and updating RH events data
- 4.3. Reporting RH services to the concerned higher bodies
- 4.4. Revising plan on adolescent and youth RH health services for the catchments

Learning Methods:

- Interactive lecture
- Group discussion
- Role play
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Final written exam

Assessment Criteria

LO1. Plan adolescent and youth RH services

- History, concepts, definitions, components of RH are discussed
- Eligible and target groups for RH are identified
- Resource mapping is conducted using the standard format of FMOH
- Action plan is developed based on priority health need

LO2. Promote adolescent and youth RH services

- RH service seeking behavior improved
- Influential community representatives and volunteers are identified and consulted
- Community mobilization undertaking
- RH service promotion and education are organized and promoted
- RH service promotion and education are provided and sustained
- Individual client needs on promoting reproductive health service considered
- Gender based violence and harmful traditional practices are described

LO3. Provide RH service package

- Client's RH problem identified
- Low risk conditions of sexual transmitted infections managed
- High risk conditions of sexual transmitted infections consulted/referred
- Compliance of advice and treatment counseled
- Follow up is undertaken according to the SRH guideline LO4

LO4. Register and document RH records

- Registration book for RH related activities is utilized according to HMIS standards of FMOH
- RH events data are collected continuously, sustained and updated timely
- RH services are reported and communicated to the higher level and relevant body
- Plan is revised on adolescent and youth RH health services for the catchments for a specific period of time

Annex: Resource Requirements

HLT NUR3 10 0122Provide Adolescent, Youth and Reproductive Health				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Teaching and Learning Materials			
1.	TTLM		25	1:1
2.	Textbooks			
3.	Reference Books			
3.1	OA. OJO, text book for midwives in use topics,	second edition, Great Britain (C) 1982	5	1:5
3.2	Myles, Text book for midwives,	twelfth edition, Hong Kong (C) 1998	5	1:5
3.3	SRH training manual	2018	5	1:5
4.	Journals/Publication/Magazines			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	standard		
2.	Library	Standard		
C.	Consumable Materials			
1.	Paper	A4	5rim	1:5
2.	Pen	Standard		
3.	Pencil and rubber	Standard		
4.	Graph paper	Standard		
5.	Bucher paper	Standard	10	1:3
6.	Marker	Standard	12 per pack	
7.	Printer ink	Standard	4	
8.	White board marker	Standard	15	
9.	Plaster	Standard		
D.	Tools and Equipment			
1.	Doll		5	1:5
2	Computer	Lap top	1	1:30
3	LCD projector	LCD Projector	1	1:30
4	Printer	Laser Jet	1	1:30
5	Photocopy machine	Standard	1	1:30
6	Scanner	Standard	1	1:30
7	Back up	Standard	1	1:30
8	White board	110X80mm	1	1:30

LEARNING MODULE 11

TVET-PROGRAMME TITLE: **Nursing Level III**

MODULE TITLE : **Performing Community Mobilization and Providing Health Education**

MODULE CODE : **HLT NUR3 M11 0122**

NOMINAL DURATION : **32 Hours**

MODULE DESCRIPTION : This Module describes the knowledge, skills and attitude required to undertake health education, advocacy and community mobilization on identified health issues.

LEARNING OUTCOMES

At the end of the module the learner will be able to:

- LO1.** Conduct health education and communication
- LO2.** Train model families
- LO3.** Plan and undertake advocacy on identified health issues

MODULE CONTENTS:

LO1. Conduct health education and communication

- 1.1 Performing assessment and gap identification activities
- 1.2 Organizing community and available resources
- 1.3 Identifying the target groups
- 1.4 Preparing health education plan
- 1.5 Designing methods and approaches of health communication
- 1.6 Providing Health education service
- 1.7 Monitoring service utilization and evaluation of behavioral change
- 1.8 Developing, promoting, implementing and reviewing strategies
- 1.9 Maintaining work related network and relationship
- 1.10 Approaches to meet communication needs

LO2. Train model families

- 2.1 Identifying household in their day-to-day activity
- 2.2 Establishing space and time of training
- 2.3 Identifying and collecting resources for training
- 2.4 Providing training according to MOH guideline
- 2.5 Evaluating and certifying model households

LO3. Plan and Undertake advocacy on identified health issues

- 3.1 Preparing advocacy plan to address health issues
- 3.2 Consulting community representatives on health needs and priorities
- 3.3 Identifying and consulting Influential community representatives and HDAs
- 3.4 Organizing and providing continuous advocacy
- 3.5 Using feedback for planning

LEARNING METHODS:

- Lecture-discussion
- Demonstration
- Group discussion
- Exercise
- Individual assignment

ASSESSMENT METHODS :(Continuous 70%,Final 30%)

- Interview
- Written test
- Demonstration/Observation
- Oral questions/Brain storming/

ASSESSMENT CRITERIA:

LO1. Conduct the health education and communication

- Assessment and gap identification activities are performed according to organizational manual
- Community and all available resources are organized as per content requirement
- Target group identification is done according to organizational Guideline
- Health education plan is prepared as per the requirements of target group organizational guideline.
- Methods and approaches of health communication are designed according to organizational manual
- Health education service is provided as per the requirements of target group
- Monitoring of service utilization and evaluation of behavioural change are noted in accordance with organizational manual
- Strategies for internal and external dissemination of information are developed, promoted, implemented and reviewed as required in accordance with workplace guideline
- Work related network and relationship are maintained as necessary.
- Different approaches are used to meet communication needs of clients and community.

LO.2 Train model families

- Better performing household in their day-to-day activity is identified
- Space and time for training are established with consultation of appropriate personnel and community representatives
- Necessary resources are identified and collected as per the training plan
- Training is provided according to MOH guideline
- Correct and faulty posture in different activities is explained.
- Follow up and monitoring are carried out in accordance with workplace guideline
- Well performing model household is evaluated and certified in accordance with workplace guideline

LO.3 Plan and Undertake advocacy on identified health issues

- Advocacy plan is prepared to address an identified health issues as per organizational work guideline
- Community representatives are consulted to determine current health needs and priorities.
- Influential community representatives and health development armies are identified and consulted to disseminate IEC-BCC activities
- Continuous advocacy services are organized and provided in partnership with the stakeholders
- Feedback from community consultation and advocacy is used as
- a basis for planning
- Developmental and acquired Spinal health problems are identified
- Prevention methods of spinal problems are explained

Annex/ Resource requirement

HLT NUR3 M11 0122Performing Community Mobilization and ProvidingHealth Education				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM	Prepared by the trainer	30	1:1
2.	Textbooks	-	30	1:1
3.	Reference Books	- National health policy - IP guidelines - IP modules	10	1:3
4.	Journals/Publication/Magazines	- Health Indicators/latest - EDHS,2016 - Fact sheets - Standard formats	10	1:3
B.	Learning Facilities & Infrastructure			
1.	Lecture Room	5*5m	1	1:30
2.	Library	Standard (colleges library)	1	
3.	Demonstration room		1	1:6
C.	Consumable Materials			
1.	Paper	A4	5rim	1:5
2.	Pen	Standard		
3.	Pencil and rubber	Standard		
4.	Graph paper	Standard		
5.	Bucher paper	Standard	10	1:3
6.	Marker	Standard	12 per pack	
7.	Printer ink	Standard	4	
8.	White board marker	Standard	15	
9.	Plaster	Standard		
D.	Tools and Equipment			
1.	Computer	Lap top	1	1:30
2.	LCD projector	LCD Projector	1	1:30
3.	Printer	Laser Jet	1	1:30
4.	Photocopy machine	Standard	1	1:30
5.	Scanner	Standard	1	1:30
6.	Back up	Standard	1	1:30
7.	White board	110X80mm	1	1:30

LEARNING MODULE 12	
TVET-PROGRAMME TITLE: Nursing Level - III	
MODULE TITLE : Applying Computer and Mobile Health Technology	
MODULE CODE : HLT EMS3 M12 0122	
NOMINAL DURATION : 48Hours	
MODULE DESCRIPTION : This module aims to provide the trainees with the knowledge, skills and right attitude required to use new or upgraded technology. The rationale behind this unit emphasizes the importance of constantly reviewing work processes, skills and techniques in order to ensure that the quality of the entire business process is maintained at the highest possible level through the appropriate application of new technology.	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Start computer, system information and features. LO2. Navigate and manipulate desktop environment. LO3. Identify the existing Health technologies. LO4. Apply the functions of technology. LO5. Evaluate new or upgraded technology performance.	
MODULE CONTENTS: LO1. Start computer, system information and features 1.1. Ergonomic requirements 1.2. Occupational Health and Safety (OHS) 1.3. Computer basic functions and features 1.4. Customize desktop configuration. LO2. Navigate and manipulate desktop environment 2.1. Access and use desktop icons. 2.2. Window functions and roles 2.3. Desktop shortcut. LO3. Identify the existing Health technologies	

3.1. Computer operating systems
3.2. Internetbrowsers
3.3. Mobile technology
3.4. M Health
3.5. E Health
3.6. Basic computer skills
LO4. Apply the functions of technology
4.1. Mobile/Smart phones and tablets
4.2. Functions of technology
LO5. Evaluate new or upgraded technology performance
5.1. Features of new or upgraded equipment
5.2. Environmental considerations
5.3. Sources of information
5.4. Feedback

LEARNING METHODS:

- Lecturing and discussion
- Demonstration
- Video show

ASSESSMENT METHODS:((Continuous 70%,Final 30%)

- Interview
- Written test
- Observation/Demonstration with oral questioning

ASSESSMENT CRITERIA;

LO1.Start computer, system information and features.

- Workspace, furniture and equipment are adjusted to suit user ergonomic requirements.
- Work organization is ensured to meet organizational and Occupational Health and Safety (OHS) requirements for computer operation.
- Computer is started or logged on according to user procedures.
- Basic functions and features are identified using system information.
- Desktop configuration is customized, if necessary, with assistance from appropriate persons.
- Help functions are used as required.

LO2. Navigate and manipulate desktop environment.

- Features are opened, closed and accessed by selecting correct desktop icons.
- Desktop windows are opened, re-sized and closed by using correct window functions and roles.
- Shortcuts are created from the desktop, if necessary, with assistance from appropriate persons.

LO3. Identify the existing Healthtechnologies.

- The existing knowledge and techniques to technology are applied
- Computer operating systems are utilized.
- Internet browsers are opened and manipulated to search for, send and receive information
- Situations are identified where existing knowledge can be used as the basis for developing new skills.
- Mobile technology skills are acquired and used to enhance learning and provision of standard health care
- Mhealth techniques are used to enhance efficient utilization of resources and avoid duplication of efforts
- New and/or upgraded equipment's are identified, classified and used where appropriate, for the benefit of customers as well as the health care system.

LO4. Apply the functions of technology.

- Mobile/Smart phones and tablets are used for solving organizational problems
- The functions of technology are applied to assist in solving the health and related data collection, organization, analysis and interpretation.
- Testing of new/upgraded equipment is conducted according to specification manual.
- Features of new or upgraded equipment are applied within the organization
- Sources of information is accessed, used and interpreted relating to new or upgraded equipment

LO5. Evaluate new or upgraded technology performance.

- New or upgraded technology performance is evaluated and determined by introduced technology (mobile/ Mhealth, tablets)
- Mobiles/Smart phones and tablets are evaluated for the performance, usability and against the OHS standards
- Environmental considerations from new or upgraded equipment are determined.
- Feedback is used from appropriate performance evaluation.

Annex: Resource Requirements

MODULE TITLE: Applying Computer and Mobile Health Technology				
MODULE CODE: HLT EMS3 M12 0122				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM	Prepared by instructors	25	1:1
2.	Textbooks			
3.	Reference Books			
B.	Learning Facilities & Infrastructure			
1.	Lecture Room		1	1:25
2.	Library			
3.	Demonstration room			
4.	Computer and internet room			
C.	Consumable Materials			
1.	Stationery (paper, pen, pencil, graphic paper, note book, marker, white board marker, Philip chart, CD, clip board, etc.)			
D.	Tools and Equipment's			
1.	Computer			
2.	Printer			
3.	Photocopy machine			
4.	LCD projector			
5.	Tape recorder			
6.	Scanner			
7.	White board			

LEARNING MODULE -13	
TVET-PROGRAMME TITLE: Nursing -Level III	
MODULE TITLE: Applying basic health statistics and health survey	
MODULE CODE: HLTNUR3 M13 0122	
NOMINAL DURATION: 32hrs	
MODULE DESCRIPTION: This module aims to describe knowledge, skills and attitude required to apply basic health statistics and health survey methods to improve community health related activities	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Prepare for the application of health survey LO2. Undertake data collection LO3. Compile, interpret and utilize health data LO4. Prepare and submit reports LO5. Take intervention measures accordingly	
MODULE CONTENTS: LO1.Preparing for the application of health survey 1.1. Concepts of statics 1.2. Health statics 1.3. Characteristics of health statistics 1.4. Health service statistics 1.5. Variable and scales of measurement 1.6. Basic principles of health statistics 1.7. Basic principles of health survey 1.8. Measures of fertility 1.9. Basic concept of epidemiology 1.10. Epidemiological surveillance 1.11. Measurement of morbidity and mortality LO2. Undertaking data collection 2.1 Data and its sources 2.2 Type of data	

- 2.3 Data collection techniques
- 2.4 Questionnaires and its preparation
- 2.5 Data quality control techniques

LO3. Compile, interpret and utilize health data

- 2.1 Tabular organization of data
- 2.2 Graphical organization of data
- 2.3 Descriptive statistics
- 2.4 Health demography
- 2.5 Vital events

LO4. Preparing and submitting reports

- 3.1 Report writing techniques
- 3.2 Standard reporting formats
- 3.3 Updating reportable diseases

LO5. Take intervention measures accordingly

- 5.1. Community diagnosis
- 5.2. Discussing with stake holders
- 5.2. Developing plan and taking measures
- 5.3. Feed back

Learning Methods:

- Interactive lecture
- Group discussion
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Final written exam

Assessment Criteria

LO1.Prepare for the application of health survey

- Characteristics of health statistics are identified
- Scales of measurement are explained
- Basic principles of health statistics are applied
- Rates and ratios are calculated
- Basic principles of health survey are applied
- Scales of measurement is described.

LO2. Undertake data collection

- Types of questionnaire are identified
- Questionnaire is prepared and made available
- Questionnaire is pre-tested, modified and amended
- Necessary personnel are trained on data collection procedures
- The necessary equipment/materials are identified to execute data collection
- Members of community are informed about data collection dates and time
- Community leaders are invited to support data collection process.

LO3 Compile, interpret and utilize health data

- Data organization, presentation and summarization is described.
- Necessary health data are collected as per organizational guideline
- Information collected is classified or sorted out on the basis of a clear understanding of the purpose for maintaining the database system.
- Diagrammatic presentation of data are prepared
- Steps to maintain confidentiality are followed according to prescribed procedures are taken.
- Vital events are continuously and consistently collected and updated timely in accordance with organization procedures and guidelines
- Data are prepared and utilized according to prescribed procedures and guidelines.

L04.Prepare and submit reports

- Report writing techniques are described.
- Reports are prepared using standard reporting formats

- Reports are disseminated responsible bodies

LO5.Take intervention measures accordingly

- Discussions are made with key stakeholders regarding the health problems
- Briefing materials throughout the consultation process are provided to identify and clarify issues of interest/concern to stakeholders and own organization
- Feedback is provided to the team leader or work team on the results of the consultation process
- Positive contributions are made to activities that develop an understanding of the factors contributing to the health problem of the community
- Further information and data are collected when needed for better interventions

Annex: Resource Requirements

HLTNUR3 M13 0122Applying basic healthstatistics and healthsurvey				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	<i>Learning Materials</i>			
1.	TTLM		25	1:1
2.	Textbooks			1:2
3.	Reference Books		50	1:2
			5	1:5
			5	1:5
4.	Journals/Publication/Magazines			
B.	<i>Learning Facilities & Infrastructure</i>			
1.	Lecture Room	5*5m	1	1:25
2.	Library		1	1:25
C.	<i>Consumable Materials</i>			
1.	Paper	A4	5rim	1:5
2.	Pencil	HB	5	1:5
3.	Pen	Ball point	5	1:5
D.	<i>Tools and Equipment</i>			
1.	Lap top		5	1:5
2.	Computer		5	1:5
3	LCD		1	1:25
4	LCD pointer		1	1:25

LEARNING MODULE 14	
TVET-PROGRAMME TITLE: Nursing Level III	
MODULE TITLE: Applying 5S procedures	
MODULE CODE: <u>IND WWT1 M14 0122</u>	
NOMINAL DURATION: <u>40 Hours</u>	
MODULE DESCRIPTION: This unit covers knowledge, skills and attitudes required to apply 5S procedures and other standards set by 5S in work place..	
LEARNING OUTCOMES At the end of the module the learner will be able to: LO1. Develop understanding of quality system LO2. Sort needed items from unneeded LO3. Set workplace in order LO4 .Shine work area LO5. Standardize activities LO6. Sustain 5S system	
MODULE CONTENTS: LO1. Develop understanding of quality system 1.1. OHS requirements of 5s. 1.2. Purpose and elements of quality assurance (QA) system 1.3. Quality assurance procedures 1.4. Meaning and concept of kaizen 1.5. Relationship of quality system and continuous improvement 1.6. 5s system 1.7. Identifying waste (MUDA) Lo2 Sort needed items from unneeded 2.1. Identifying and distinguishing essential and non-essential item 2.2. method of Sorting items 2.3. Sorting items required for regulatory purposes 2.4. Placing non-essential item 2.5. Regularly checkup of items in the work area	

LO3.Set workplace in order

- 3.1. Identifying location and placing each essential item
- 3.2. Regular checking of item in its location

LO4. Shine work area

- 4.1. Keeping the work area clean and tidy
- 4.2. Regular housekeeping activities

LO 5.Standardize activities

- 5.1. Procedures of Standardizing activities
- 5.2. Standardizing activities using checklists
- 5.3. Keeping work area standard

LO 6 Sustain 5S system

- 6.1. Sustaining clean up
- 6.2. Identifying non-compliance and taking actions
- 6.3. Inspecting work area regularly
- 6.4. Recommending improvements in the workplace

Learning Methods:

- Interactive lecture
- Group discussion
- Group assignment
- Individual assignment

Assessment Methods: Continuous 70%, Final 30%

- Continuous assessments (quiz, assignment, tests etc.).
- Oral questioning
- Final written exam

ASSESSMENT CRITERIA:

LO.1 Develop understanding of quality system.

- OHS requirements are applied throughout the work.
- Discuss quality assurance procedures of the enterprise or organization
- Understand the relationship of quality system and continuous improvement in the workplace
- Identify and relate to workplace requirements the purpose and elements of quality assurance (QA) system
- Explain the 5S system as part of the quality assurance of the work organization

LO.2. Sort needed items from unneeded

- Identify all items in the work area
- Distinguish between essential and non-essential items
- Sort items to achieve deliverables and value expected by downstream and final customers
- Sort items required for regulatory or other required purposes
- Place any non-essential item in a appropriate place other than the workplace
- Regularly check that only essential items are in the work area

LO.3. Set workplace in order

- Identify the best location for each essential item
- Place each essential item in its assigned location
- After use immediately return each essential item to its assigned location
- Regularly check that each essential item is in its assigned location

LO.4. Shine work area

- Keep the work area clean and tidy at all times
- Conduct regular housekeeping activities during shift
- Ensure the work area is neat, clean and tidy at both beginning and end of shift

LO.5. Standardize activities

- Follow procedures
- Follow checklists for activities, where available

- Keep the work area to specified standard

LO.6. Sustain 5S system

- Clean up after completion of job and before commencing next job or end of shift
- Identify situations where compliance to standards is unlikely and take actions specified in procedures
- Inspect work area regularly for compliance to specified standard
- Recommend improvements to lift the level of compliance in the workplace

Annex: Resource Requirements

IND WWT1 M14 0122Applying 5S procedures

Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	<i>Learning Materials</i>			
1.	TTLM	Prepare by Teacher	1	1:25
2.	Textbooks		25	1:1
3.	Reference Books		5	1:5
3.1.	Ethiopia kaizen books		5	1:5
B.	<i>Learning Facilities & Infrastructure</i>			
1.	Lecture Room	5*5m	1	1:25
2.	Library	Standard		
3.	(etc.)		1	1:25
C.	<i>Consumable Materials</i>			
1.	Paper For check list	A4	5rim	1:5
2	paper for shop lay out	A3	5rim	1:5
5	Color paint		5	1:1
6	Thinner		canon	1:5
8	Soap	Hand wash		1:1
9	Brush & broom	Plastic/ragger	25	1:1
D.	<i>Tools and Equipment's</i>			
1.	wheel brow	steel	5	1:5
2	Shovel	steel	12	1:2
3	Fork	steel	12	1:2
4	Mask		25 each	1:1
5	Glove	plastic	25 each	1:1
6	Eye glass	plastic	25 each	1:1
7	Helmet	plastic	25 each	1:1
8	Safety Shoe	Rubber soul	25 each	1:1
9	Wast segregation box for re use	wooden	1	1:25
10	Wast segregation box for disposal	wooden	1	1:25

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