

**COURSE CODE: HSM 422**

**COURSE TITLE: DESIGN OF UTILITY AREAS IN THE HOUSE – 2 UNITS**

**COURSE SYNOPSIS:** Determining space, equipment and furniture requirement in kitchens, stores, and other rooms in the house. Planning for work, storage, water drainage, voltage, ventilation light, refuse disposal, traffic and materials flows.

**LECTURE NOTES**

**TOPIC I: INTRODUCTION TO UTILITY AREAS IN A HOUSE I.E IDENTIFICATION OF UTILITY AREAS**

- Sitting area/equipment.
- Sleeping area/equipment.
- Cooking area/equipment.
- Toilet facilities.
- Storage facilities.
- Water provision.
- Lighting provision.

**TOPIC II: HOME LIGHTING**

1. discuss the essential details about electricity
  - a) What it means
  - b) What these referred to: ampere, voltage, current, resistors, insulators, wattage, horse power.
2. Requirements for home lighting.
  - Aesthetic satisfaction.
  - Emotional satisfaction.
  - Mental health.
  - Physical health & comfort.
  - Safety.
3. Discuss sources of light i.e natural/artificial.

**TOPIC III: ELECTRIC LIGHT SOURCES**

- Incandescent.
- Fluorescent light i.e self-ballasted, circlirace.
- Portable lamps.

Classification of light fixtures i.e direct, indirect, semi-direct, semi-indirect.

**TOPIC IV: USE OF ELECTRIC LIGHT IN THE HOME**

- ✓ At the entrance .
- ✓ In the dining room.
- ✓ As a central fixture.
- ✓ In bedroom.
- ✓ In closets i.e in bathroom, recreation area and laundry area.

**TOPIC V: VENTILATION IN THE HOME**

- Define ventilation.
- Identify sources i.e Natural/Artificial.

Discuss advantages of each.

- Identify and discuss types & use of equipments in artificial ventilation

**TOPIC VI: STORAGES IN THE HOME**

- ❖ Define importance of storage system in the home.
- ❖ Identify and discuss place and use of significant storage devices i.e tanks, cabinets, cupboards, freezers & fridge, wardrobes, drawers, small containers, bowes, etc.

#### TOPIC VII: HOUSE CLEANING/SANITATION

- ✚ Methods of cleaning.
- ✚ Cleaning methods of critical breeding area in the home i.e
  1. Fumigation.
  2. Blocking small holes around walls & floors.
  3. Weeding house surrounding/compound.
  4. Cleaning/draining gutters.
  5. Maintain high level of hygiene in the home.

#### TOPIC VIII: DISPOSAL OF REFUSE

- Classification of refuse i.e vegetable/non vegetable, organic/inorganic.
- Waste disposal techniques.
  1. Surface dumps.
  2. Burying/burning.
  3. Hi-tech disposal into government provided bags or dump place.

#### TOPIC IX: DISPOSAL OF REFUSE

- Modern interventions.
- Disposal of vegetable refuse.

Identification of types and recommended disposal technique.

#### TOPIC X: SPACE MANAGEMENT

- Creating space.
- Arrangements that enhance space creations.
- Importance of fixed equipment.
- Advantages of movable equipment.
- Factors to consider in space provision.
  - 1) Size of room.
  - 2) Size of equipment/accessories provided.

#### TOPIC XI: STUDENTS TERM PAPER PRESENTATION.

#### TOPIC XII: CONTINUOUS ASSESSMENT TEST/REVISION.