

COURSE CODE: HSM 422
COURSE TITLE: DESIGN OF UTILITY AREAS IN THE HOUSE
NUMBER OF UNITS: 2 UNITS
COURSE DURATION:

COURSE DETAILS:

Course Coordinator: DR KIKELOMO ADUBI
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Office Location: HOME SCIENCE AND MANAGEMENT
Other Lecturers:

COURSE CONTENT:

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

COURSE REQUIREMENTS:

READING LIST:

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

- What it means
- 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.