

**COURSE CODE:** HSM 407  
**COURSE TITLE:** TEXTILE PRODUCTION  
**NUMBER OF UNITS:** 2 UNITS  
**COURSE DURATION:**

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### COURSE DETAILS:

**Course Coordinator:** Labode Oladoyin J.  
**Email:** [lab12d6@yahoo.com](mailto:lab12d6@yahoo.com)  
**Office Location:**  
**Other Lecturers:**

### COURSE CONTENT:

Handling of materials in Textiles Laboratory, Principles Theory of textile designs, African Indigenous Designs in Textiles, Clothing and Fashion, Traditional Techniques of handling fabrics, Discharge techniques-wax resist, print method, stitch designs, Tone of colours and their applications, Layout of designs, Visual Design registration, Colour dummy, Negative and Positive Registration, Reduction and enlargement of Motif .

### COURSE REQUIREMENTS:

### READING LIST:

### LECTURE NOTES

#### LECTURE: 1

The course introduces students to the practical application of the various theoretical principles and techniques of Textile Production which has been dealt with.

Introduction to advance basic principles and techniques of handling materials in textile design.

The procedural processes in textile laboratory and safety guide needs to be followed.

- (i) Principle Theory
- (ii) Handing of Materials

## **LECTURE: 2**

- Oral Tradition of different indigenous textiles design in part of Nigerian cultures. How some cultures such as Yoruba (Iseyin), Igbo (Akwete) and some of Hausa source their materials.
- Various textiles production techniques that identifies each cultures.
- Similarities and dissimilarities of cultural techniques and methods.

## **LECTURE: 3**

Emphasis on independent textiles production techniques such as discharge technique printing, wax resist, stitch and dye, starch resist, screen process printing, stamping process and direct application.

- Individual techniques and designs would be allowed.

## **LECTURE: 4**

Tutorial and practical exercise on layout of proposed design for printing from a themeatical approach. From the point of view of drawing, colour and balance with the aid of good sketches and illustrations.

## **LECTURE: 5**

Tutorial and Discussion on the importance of manual and machine process colour separation for screen process printing in textile production

- Tutorial and practical exercise in positive and negative in colour separation. Importance of opaque liquid in manual screen printing process.

## **LECTURE: 6**

Practical experimental exercise continues in the theme of design works relating the topics to plants (floral designs) and zoomorphic (animal design). Various techniques application will be exercised e.g. discharge technique, starch resist, screen-printing and wax resist.

## **LECTURE: 7**

Practical exercises on how to make advance layout for textile designs .

- Visual representation
- Motif reduction and enlargement
- Registration marks.

## **LECTURE: 8**

Independent practical exercise on design transfer, considering size, colours separation and theme of what student intends to design on the paper.

- Each colour has its own dummy e.g negative (-ve) and positive (+ve).
- Size must be strongly considered in other not to run out the design out of proportion.

## **LECTURE: 9**

Practical exercises continues on visual and complete mechanical,of thumbnails, comprehensive layout.

- Full colour visuals, dummy of finished design.
- Practical exercise on monochromatic and polychromatic colours.

## **LECTURE: 10**

A term paper on one of the theories , principles and techniques of textile production (two weeks).

## **LECTURE: 11**

Still on term paper

## **LECTURE: 12**

Discussion and Revisions on the different topics that have been treated so far .