COURSE TITLE: HAND WEAVING COURSE CODE: IFA 2218 Course Description

The course imparts skills on weaving using principle motions of four shaft loom for fabric construction employing various weaving techniques

Prerequisite: IFA 2117 3 cr. Hrs.

Course Objectives

By the end of the course learners should be able to:

- Select materials and tools for textile design
- demonstrate skills on weaving using principle motions of four shaft loom
- employ various weaving techniques to construct variety of weaves.
- Insert finishes on varied textile products

Course Outline

1st week The table loom

Parts othe loom Weaving Motions of the loom

The shuttle

2nd week materials for weaving

Warp materials Weft materials Finishes materials.

Point paper drafting for weaves

Plain weaves and its derivatives Twill weaves and its derivatives Colour schemes

Assessment: 10%

Point paper drafts for plain weaves

Warping: Yarn calculations

Yarn stretching using warping mill/board

Yarn beaming:

Placing yarn on the loom Rolling warp on the warp beam

Assessment: 10%

Point paper drafts for twill weaves

Loom dressing:

Threading the heddles (sley) Threading the reed (denting) Tying the warps on the cloth beam

Weaving

Fabric construction (plain weaves) Assessment 10% Woven samples in plain weaves Weaving:

3rd week Point paper drafting for weaves
Plain weaves and its derivatives
Twill weaves and its derivatives
Colour schemes
4th week Assessment: 10%
Point paper drafts for plain weaves
5th week Warping:
Yarn calculations
Yarn stretching using warping mill/board
6th week Yarn beaming:
Placing yarn on the loom
Rolling warp on the warp beam
7th week Assessment: 10%
Point paper drafts for twill weaves
8th week Loom dressing:
Threading the heddles (sley)
Threading the reed (denting)
Tying the warps on the cloth beam
9th week Weaving
Fabric construction (plain weaves)
10th week Assessment 10%
Woven samples in plain weaves
11th week Weaving:
Fabric construction (twill weaves)Fabric construction (twill weaves)

12th week Weaving:

Fabric construction (twill weaves)

13th week Fabric finishes:

Knotting, sizing, trimming frills, macrame 14th week General critic 10% 15th week University Exams begin 16th week Exams 17th week End of University Exams Learning outcomes

The course should impart skills in weaving using four shaft looms. Students should weave plain and twill fabrics for specified purposes.

Method of Teaching/Delivery

- Lecture methods
- Practical self studio work
- Demonstration and Guided studio work

Mode of Assessment

Course work 40%

- 4 critques each marked out of 10% End of Examination: 60%

Theory Examination

- Marked out of 20%

Practical Examination

- Marked out of 40% Final Total Mark: 100%

Reference:

NB: Not limited to the following:

1. McNamara, A. and Snelling, P. 1995, Design and Practice for Printed Textiles. Oxford University Press Australia,

2. Paine, Melanic, 1990, The Textile Art in Interior Design. London: Mitchell Beazley,

3. Norma Hollen and Jane Saddler, 1964, Textiles, Macmillan New York

4. Jonh Picton and John Mark,1989, british museum press, London

5. Janet Phillips, 1983,The Weavers book of fabric design, BT Batsford ,London

6. Jules Labarthe,1975, Elements of textiles , Macmillan ,New York