**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.

**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)

**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