**COURSE TITLE: HAND WEAVING AND FIBER**

**COURSE CODE: IFA 2117**

**Course Description**

The course furthers knowledge and skills in hand weaving, understanding mechanisms of hand operated looms and different spinning wheels. Production of hand woven fabrics for artistic presentation and industrial purposes.

Prerequisite: IFA 1210 3 cr. Hrs.

**Course Objectives**

By the end of the course, students should be able to:

* demonstrate knowledge and skills in hand weaving,
* Identify mechanisms of hand operated looms and different spinning wheels.
* Produce hand woven fabrics for both artistic and industrial purposes.

**Course Outline**

**1st week Reporting**

**2nd week Dowel loom**

Parts of the loom, construction and operations

Materials and tools

Design process

Types of woven products from dowel looms

**3rd week The inkle loom**

Parts of inkle looms

Materials and tools

Types of woven fabrics

Design process

**4th week Back strap looms:**

The comb heddle loom

Parts of the loom

Operations

Materials and tools

Design process

**5th week Assessment: 10%**

designs for weaving using inkle, dowel and comb looms

**6th week Spinning:**

The spinning Wheel

Parts of the equipment

Operations

The drop spindle

Materials and tools

Singles plies and funcy yarns

**7th week Assessment: 10%**

 Preparation of singles and plied yarns

**8th week Hand woven fabrics:**

Wall hanging, rugs, mats

Upholstery fabrics

Creative textile arts

**9th week Designing Textile articles**

 Identification of inspiration sources,

 Design processes

 Selection of materials

**10th week Weaving**

Guided Studio execution of textile articles

**11th week Weaving**

Guided Studio execution of textile articles.

**12th week Weaving**

 Guided Studio execution of textile articles

**13th week Assessment 10%**

A 1 hour written test

**14th week End of semester general critic 10%**

**15th week University Exams begin**

**16th week Exams**

**17th week End of University Exams**

**Learning outcomes**

The course should lead to acquisition of knowledge and skills in spinning yarns, production of functional weaves using hand operated looms with emphasis on choice of materials, tools, techniques and design processes.

**Method of Teaching/Delivery**

* Lecture methods
* Practical self studio work
* Demonstration and Guided studio work
* excursions

**Mode of Assessment**

Course work 40%

* 3 critiques each marked out of 10%
* 1 written test marked out of 10%

End of Semester 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