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 **End of semester general critic 10% University Exams begin Exams**

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:

14th week

15th week 16th week

17th week

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

Jules Labarthe,1975, Elements of textiles , Macmillan ,New