

Name of Faculty	:	Faculty of Design
Name of Program	:	Masters of Design (MD)
Course Code	:	1MFD02
Course Title	:	Pattern Making and Grading
Type of Course	:	Professional Core
Year of Introduction	:	2023-24

Prerequisite	:	Basics of Patterns and Grading
Course Objective	:	To learn the advance of pattern making and grading
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Basic understanding of a sample pattern using industrial sample room procedure (emphasize in men garments).
	CO2	Understanding the uses of design elements in the process of range development
	CO3	Creation and development of design portfolio

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
L	T	P		Theory Marks		Practical Marks		Total Marks
			C	SEE	CIA	SEE	CIA	
2	0	4	4	70	30	30	20	150

Legends: L-Lecture; T-Tutorial/Teacher Guided Theory Practice; P- Practical, C - Credit, SEE - Semester End Examination, CIA - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.)

Course Content

Module No.	Topics	Teaching Hours	Weightage	Mapping with CO
UNIT I	Introduction to Grading 1. Terminology. 2. Drafting the Basic Pattern Set. 3. Methods and procedures of grading basic block to various sizes. a. Nest or Stack Method b. Radial Method c. Split Method d. Vector Method	25	30%	CO1, CO2

UNIT II	Developing Drafts 1. Developing children's bodice block, sleeve block, skirt and short block 2. Developing Drafts for Men's Garments a. Gents Shirt-Formal, Casual b. Gents Trousers/Shorts c. Gents Jacket 3. Developing Drafts for Women's Garments a. Bodice Block b. Sleeve Block c. Skirt Block d. Trousers/Shorts Block 4. Grading the drafts using the above mentioned grading methods (UNIT I)	40	30%	CO1 CO2
UNIT III	A. Preparation of a Portfolio 1. Grading standard size block to various sizes 2. Preparing 2 patterns (trouser/short and shirt) with complete sets of markings.	30	20%	CO3
UNIT III	B. Lay-out plan and Construction 1. Preparing markers for three different fabric width and designs (stripes, plaids) 2. Calculation of fabric required for each lay-out plan 3. Preparing three accompanying pattern promotional items.	25	20%	CO3

Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	10	10	20	20	10	30

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books

Sr. No.	Name of Reference Books
1.	Garment Technology for Fashion Designers Gerry Cooklin Blackwell Science ltd.
2.	Patrick John Ireland Fashion design Illustration: Men
3.	Pattern grading for Children's /Women's/Men's Clothes Technology Of Sizing Gerry Cooklin Oxford B.S.P. Professional Books London.