

**ELECTIVE COURSE – I (CC)
PATTERN MAKING AND CLOTHING CONSTRUCTION**

UNIT 1

Introduction to Pattern Making – WorkRoom Terms and Definitions – Fabric Terms, Land Marks – Balance Line Terms – Seams – Notches- Grain lines. Industrial Form Measurement Chart – Personal / Model Measurement Chart. Measuring Techniques for Industrial Form and Human Figures. Organisation and Fitting

UNIT 2

Methods of pattern making – Drafting – Draping and flat pattern making. Principles of Pattern Making
Drafting the Basic Patterns – The Basic Bodice Block – The Skirt – The Sleeve Draft.

UNIT 3

Draping the Basic Patterns – The Basic Drape – The Skirt Drape – Transferring the Muslin Drape to Pattern Paper. Design through draping – draping principles and methods – Basic procedures for draping in blouse and skirt area. Preparation of dress form.

UNIT 4

Major Three types of Flat Pattern Making – Dart Manipulation by Pivotal method – Slash and Spread Method – Elimination of darts in to Princess Line.

Flat Pattern – Add fullness – Cows & Built up Mechanisms. Pattern Alteration – Length and Width – shoulder – bust – waist and adjustment.

UNIT 5

Introduction to grading – Pattern grading and its significance – grading to 1 size up or down – Grading to 4 size up or down – Grading techniques and methods.

Pattern for Knitted Garments – T-shirts – Track suits – Swim Suits.

References:

1. Winifred Aldrich “Metric Pattern Cutting” – Third Edition Blackwell Science.2003
2. Mary Matthews “Designing, drafting and tailoring” – Practical Clothing Construction Part I and Part II.1981.
3. Shoben Martin “Graidng” Batsford pub, UK2002
4. Goulbern Margaitha “ Introducing pattern cutting, grading and modeling.Batsford pub, UK2000
5. Bane Allyne, Flat pattern design, McGraw Hill USA.2002