

APPAREL MANUFACTURING

Weeks 1-4: Unit I – Cutting and Marker Planning

Week 1

- **Lecture 1:** Functions of the Cutting Department
- **Lecture 2:** Preparation: Shade Sorting and Shrinkage Calculation
- **Lecture 3:** Marker Planning: Definition, Types, and Utilization
- **Lecture 4:** Spreading: Definition, Requirements, and Methods

Week 2

- **Lecture 5:** Types of Spreading and Fabric Packages
 - **Lecture 6:** Cutting: Definition, Objectives, and Tools
 - **Lecture 7:** Ready-to-Stitch Process: Bundling
 - **Lecture 8:** Ready-to-Stitch Process: Ticketing
-

Weeks 5-6: Unit II – Sewing

Week 5

- **Lecture 9:** Definition of Sewing and Assembly
- **Lecture 10:** Functions of the Sewing Department
- **Lecture 11:** Seam Types: British Standards
- **Lecture 12:** Seam Strength

Week 6

- **Lecture 13:** Stitch Types: British Standards
 - **Lecture 14:** Sewing Threads: Types
 - **Lecture 15:** Sewing Threads: Sizes and Packages
 - **Lecture 16:** Practical Overview of Stitching and Seaming
-

Weeks 7-8: Unit III – Washing

Week 7

- **Lecture 17:** Types of Labels: Main, Wash Care, Size, Brand
- **Lecture 18:** Fibre Content, Fit, Country of Origin, Designer
- **Lecture 19:** Representation of Symbols Used in Labels

- **Lecture 20:** Overview of Color Matching

Week 8

- **Lecture 21:** Practical Examples of Wash Care Labels
 - **Lecture 22:** Hands-On Session: Label Representation Symbols
 - **Lecture 23:** Practical Overview of Color Matching
 - **Lecture 24:** Recap and Practice Quiz on Unit III
-

Weeks 9-12: Unit IV – Finishing and Packing

Week 9

- **Lecture 25:** Functions of the Finishing and Packing Department
- **Lecture 26:** Stain Removal Methods: Chemical Methods
- **Lecture 27:** Stain Removal Methods: Natural Methods
- **Lecture 28:** Pressing: Purpose and Types

Week 10

- **Lecture 29:** Packaging and Folding
- **Lecture 30:** Types of Packing Material
- **Lecture 31:** Practical Demonstration: Pressing Techniques
- **Lecture 32:** Case Studies on Packaging and Folding

Week 11

- **Lecture 33:** Functions and Workflow in Finishing
- **Lecture 34:** Tools and Equipment Used in Packing
- **Lecture 35:** Quality Control in Finishing and Packing
- **Lecture 36:** Recap and Practice Quiz on Unit IV

Week 12

- **Lecture 37:** Hands-On: Packaging Material Handling
 - **Lecture 38:** Case Studies on Stain Removal
 - **Lecture 39:** Workflow Simulation: Finishing to Packing
 - **Lecture 40:** Mock Assessment: Unit IV
-

Weeks 13-16: Unit V – Supporting Services

Week 13

- **Lecture 41:** Functions of Quality, Stores, and Maintenance Departments
- **Lecture 42:** Functions of Engineering and Sampling Departments
- **Lecture 43:** Functions of Design Studio and HR Department
- **Lecture 44:** Functions of Merchandising and PPC Department

Week 14

- **Lecture 45:** Functions of Security and Industrial Engineering Departments
- **Lecture 46:** Functions of Marketing and General Management Departments
- **Lecture 47:** Cross-Department Collaboration: Case Studies
- **Lecture 48:** Department Workflow Simulations

Week 15

- **Lecture 49:** Recap of Supporting Services: Core Functions
- **Lecture 50:** Practical Examples and Case Studies in Supporting Services
- **Lecture 51:** Common Challenges in Departmental Operations
- **Lecture 52:** Mock Assessment: Unit V

Week 16

- **Lecture 53:** Recap of the Entire Syllabus (Units I-V)
- **Lecture 54:** Practice Exam and Feedback
- **Lecture 55:** Discussion of Key Practical Insights from Course
- **Lecture 56:** Final Exam Preparation and Doubts Clearing