

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

Adv Certificate in Fashion Production & Quality Control

Practitioner Level



LAPT — London Academy of Professional Training

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Reference FS-FTP-P • Fashion Centres

UKPRN 10067351 • Registered in England and Wales, company 4984798

6	30	180	440	60%	Lifetime
SUBJECTS	CHAPTERS	CLASSES	TOTAL MARKS	PASS MARK	VALIDITY

AT A GLANCE

REFERENCE	FS-FTP-P
AWARD	Certificate
ASSESSMENT	440 marks — 264 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1	Advanced Production Techniques	5 chapters · 30 classes	90 marks
• 1 Understanding Fabric Properties and Selection — 6 classes › 1.1 Exploring Key Fabric Attributes › 1.2 Analyzing Fabric Composition › 1.3 Understanding Weave and Knit Structures › 1.4 Evaluating Fabric Performance for Design › 1.5 Selecting Fabrics Based on End-Use › 1.6 Applying Fabric Knowledge to Production Planning • 2 Advanced Pattern Making and Cutting Techniques — 6 classes › 2.1 Exploring Advanced Pattern Drafting Techniques › 2.2 Utilizing Computer-Aided Design (CAD) in Pattern Making › 2.3 Innovating with Draping and Manipulative Techniques › 2.4 Mastering Precision Cutting for Complex Garments › 2.5 Implementing Seam and Hem Finishing Techniques › 2.6 Integrating Quality Control in Cutting and Production • 3 Efficient Garment Construction Methods — 6 classes › 3.1 Exploring Efficient Pattern-Cutting Techniques › 3.2 Mastering Speed Sewing for Quality Outcomes › 3.3 Understanding Seamless Garment Assembly Methods › 3.4 Implementing Time-Saving Pressing Techniques › 3.5 Integrating Technology in Garment Production › 3.6 Evaluating and Improving Production Efficiency • 4 Integrating Technology in Fashion Production — 6 classes › 4.1 Exploring Smart Fabrics and Embedded Technology › 4.2 Understanding CAD Systems in Fashion Design › 4.3 Implementing 3D Printing in Garment Creation › 4.4 Optimising Production with Automation Technology › 4.5 Integrating RFID for Efficient Inventory Management › 4.6 Evaluating Impact of Technology on Production Quality • 5 Quality Control and Assurance in Fashion — 6 classes › 5.1 Understanding Quality Standards in Fashion › 5.2 Identifying Common Quality Control Issues › 5.3 Implementing Quality Assurance Processes › 5.4 Utilizing Quality Inspection Tools › 5.5 Evaluating Product Quality in Fashion › 5.6 Improving Quality Control Strategies			

• 1 Understanding Production Challenges in Fashion Technology — 6 classes

- › 1.1 Identifying Key Challenges in Fashion Production
- › 1.2 Analyzing the Impact of Materials on Production Efficiency
- › 1.3 Exploring Technological Solutions to Enhance Production Processes
- › 1.4 Evaluating Quality Control Techniques in Fashion Manufacturing
- › 1.5 Applying Problem-Solving Strategies to Real-World Production Issues
- › 1.6 Implementing Continuous Improvement Practices in Production

• 2 Root Cause Analysis and Solutions Development — 6 classes

- › 2.1 Understanding Root Cause Analysis in Fashion Production
- › 2.2 Identifying Common Production Problems
- › 2.3 Methods for Root Cause Detection
- › 2.4 Developing Effective Solutions
- › 2.5 Implementing Solutions in Production Environments
- › 2.6 Evaluating the Effectiveness of Solutions

• 3 Implementing Quality Control Measures — 6 classes

- › 3.1 Understanding Quality Control Basics
- › 3.2 Identifying Key Quality Standards
- › 3.3 Analyzing Quality Control Processes
- › 3.4 Developing a Quality Assurance Plan
- › 3.5 Implementing Quality Control Techniques
- › 3.6 Evaluating and Improving Quality Control Systems

• 4 Optimizing Production Workflows for Efficiency — 6 classes

- › 4.1 Understanding Production Workflow Components
- › 4.2 Analyzing Workflow Bottlenecks
- › 4.3 Implementing Process Mapping Techniques
- › 4.4 Developing Lean Production Strategies
- › 4.5 Integrating Quality Control in Workflow
- › 4.6 Evaluating Workflow Efficiency Improvements

• 5 Evaluating and Adapting Solutions in Production Systems — 6 classes

- › 5.1 Understanding Production Systems and Their Components
- › 5.2 Identifying Common Production Issues
- › 5.3 Analyzing Solutions for Production Problems
- › 5.4 Evaluating the Effectiveness of Implemented Solutions
- › 5.5 Adapting Solutions for Improved Production Outcomes
- › 5.6 Applying Lessons Learned to Future Production Challenges

• 1 Understanding Quality Control in Fashion Production — 6 classes

- › 1.1 Defining Quality in Fashion Production
- › 1.2 Exploring Key Quality Standards and Certifications
- › 1.3 Identifying Common Quality Issues in Garment Manufacturing
- › 1.4 Analyzing Quality Control Processes and Techniques
- › 1.5 Implementing Quality Assurance Protocols
- › 1.6 Evaluating Quality Control Success in Fashion Production

• 2 Textile and Material Quality Assessment Techniques — 6 classes

- › 2.1 Understanding Textile Quality Indicators
- › 2.2 Exploring Material Inspection Techniques
- › 2.3 Evaluating Color Fastness in Fabrics
- › 2.4 Assessing Fabric Durability and Strength
- › 2.5 Implementing Standard Testing Procedures
- › 2.6 Applying Quality Control in Production Settings

• 3 Garment Inspection Procedures and Standards — 6 classes

- › 3.1 Understanding Garment Inspection: Purpose and Benefits
- › 3.2 Identifying Common Garment Defects and Their Causes
- › 3.3 Learning Industry Standards for Quality Apparel
- › 3.4 Implementing Visual Inspection Techniques
- › 3.5 Utilizing Measuring Tools for Precise Assessment
- › 3.6 Applying Corrective Actions for Quality Improvement

• 4 Quality Control Tools and Technologies in Fashion — 6 classes

- › 4.1 Understanding Quality Control Principles in Fashion
- › 4.2 Exploring Key Quality Control Models and Frameworks
- › 4.3 Identifying Tools for Quality Inspection and Testing
- › 4.4 Applying Data Analysis for Quality Assurance in Fabric Production
- › 4.5 Integrating Technology Solutions into Fashion Quality Control
- › 4.6 Implementing Continuous Improvement Strategies in Fashion Quality Management

• 5 Advanced Quality Control Strategies and Sustainable Practices — 6 classes

- › 5.1 Understanding Advanced Quality Control Techniques
- › 5.2 Identifying Sustainable Practices in Fashion Production
- › 5.3 Implementing Continuous Improvement Processes
- › 5.4 Analyzing the Impact of Quality Control on Sustainability
- › 5.5 Applying Eco-Friendly Quality Control Methods
- › 5.6 Evaluating Success of Quality Strategies in Fashion

• 1 Introduction to Quality Management Systems in Fashion — 6 classes

- › 1.1 Understanding the Basics of Quality Management in Fashion
- › 1.2 Exploring Key Components of Quality Management Systems
- › 1.3 Analyzing the Role of Standards in Fashion Quality Control
- › 1.4 Identifying Quality Control Processes in Fashion Production
- › 1.5 Examining Common Tools Used in Quality Management
- › 1.6 Applying Quality Management Principles to Fashion Case Studies

• 2 Components of Quality Management Systems — 6 classes

- › 2.1 Understanding the Fundamentals of Quality Management Systems
- › 2.2 Identifying Key Components of a Quality Management System
- › 2.3 Analyzing the Role of Documentation in Quality Management
- › 2.4 Integrating Continuous Improvement Practices
- › 2.5 Implementing Standards for Quality Assurance
- › 2.6 Evaluating the Effectiveness of Quality Management Systems

• 3 Designing Quality Control Processes for Fashion Production — 6 classes

- › 3.1 Understanding the Basics of Quality Control in Fashion
- › 3.2 Identifying Key Quality Indicators in Fashion Products
- › 3.3 Designing Inspection Methods for Fashion Items
- › 3.4 Implementing Statistical Quality Control Techniques
- › 3.5 Analyzing Quality Control Data for Continuous Improvement
- › 3.6 Developing a Quality Control Plan for Fashion Production

• 4 Implementation Strategies for Quality Management Systems — 6 classes

- › 4.1 Understanding Quality Management Systems
- › 4.2 Identifying Key Standards and Regulations
- › 4.3 Designing a Quality Management Framework
- › 4.4 Developing Implementation Plans
- › 4.5 Monitoring and Evaluating System Effectiveness
- › 4.6 Continuous Improvement and System Optimization

• 5 Evaluating and Improving Fashion Quality Systems — 6 classes

- › 5.1 Understanding Key Components of Fashion Quality Systems
- › 5.2 Identifying Common Quality Issues in Fashion Production
- › 5.3 Analyzing the Effectiveness of Current Quality Control Measures
- › 5.4 Implementing Continuous Improvement Processes
- › 5.5 Integrating Customer Feedback into Quality Systems
- › 5.6 Designing a Plan for Quality Systems Enhancement

• 1 Understanding Sustainability in Fashion Production — 6 classes

- › 1.1 Defining Sustainability in Fashion
- › 1.2 Exploring the Environmental Impacts of Fashion Production
- › 1.3 Analyzing Social Responsibilities in the Fashion Industry
- › 1.4 Identifying Sustainable Materials and Resources
- › 1.5 Implementing Sustainable Production Techniques
- › 1.6 Evaluating Sustainability in Fashion Supply Chains

• 2 Evaluating Sustainable Materials and Resources — 6 classes

- › 2.1 Understanding the Basics of Sustainable Materials
- › 2.2 Analyzing the Lifecycle of Eco-Friendly Resources
- › 2.3 Identifying Sustainable Fabric Options
- › 2.4 Evaluating the Environmental Impact of Textile Production
- › 2.5 Comparing Renewable vs. Non-Renewable Resources
- › 2.6 Assessing Certification Standards for Sustainable Materials

• 3 Eco-Friendly Production Techniques and Technologies — 6 classes

- › 3.1 Understanding Eco-Friendly Materials and Their Benefits
- › 3.2 Exploring Energy-Efficient Technologies in Fashion Production
- › 3.3 Implementing Water Conservation Techniques in Manufacturing
- › 3.4 Assessing the Impact of Carbon Footprints in Production Processes
- › 3.5 Identifying Waste Reduction Strategies in Fashion Production
- › 3.6 Evaluating Case Studies of Successful Eco-Friendly Fashion Brands

• 4 Quality Control in Sustainable Fashion — 6 classes

- › 4.1 Understanding Quality Control Standards in Sustainable Fashion
- › 4.2 Identifying Sustainable Materials for Quality Assurance
- › 4.3 Implementing Quality Control Procedures in Eco-Friendly Manufacturing
- › 4.4 Evaluating Product Quality using Sustainable Methods
- › 4.5 Analyzing the Impact of Quality Control on Sustainable Branding
- › 4.6 Applying Continuous Improvement Techniques in Sustainable Fashion

• 5 Integrating Sustainability into Production Management — 6 classes

- › 5.1 Understanding Sustainability in Production
- › 5.2 Identifying Sustainable Materials and Resources
- › 5.3 Implementing Eco-Friendly Production Techniques
- › 5.4 Measuring and Reducing Carbon Footprint in Manufacturing
- › 5.5 Integrating Waste Management Strategies
- › 5.6 Developing a Sustainable Production Plan

• 1 Introduction to Fashion Production Technology — 6 classes

- › 1.1 Exploring Fashion Production Technologies
- › 1.2 Understanding the Role of Technology in Fashion Design
- › 1.3 Identifying Key Tools in Fashion Production
- › 1.4 Analyzing the Impact of Technology on Quality Control
- › 1.5 Integrating Technology for Efficient Fashion Workflows
- › 1.6 Evaluating Technological Innovations in Fashion Manufacturing

• 2 Digital Pattern Making and 3D Design — 6 classes

- › 2.1 Exploring Digital Pattern Making Tools
- › 2.2 Understanding 3D Design Software Interfaces
- › 2.3 Creating Basic Patterns Using Digital Tools
- › 2.4 Applying 3D Design Techniques to Garment Visualization
- › 2.5 Integrating Digital Patterns into Production Workflows
- › 2.6 Evaluating the Efficiency of Digital vs. Traditional Methods

• 3 Fabric Cutting and Automated Sewing Systems — 6 classes

- › 3.1 Understanding the Basics of Fabric Cutting
- › 3.2 Exploring Manual vs Automated Cutting Techniques
- › 3.3 Introduction to Automated Sewing Systems
- › 3.4 Comparing Traditional and Automated Sewing Methods
- › 3.5 Implementing Automated Systems for Efficient Production
- › 3.6 Analyzing Quality Control in Automated Fashion Production

• 4 Quality Control Technologies in Fashion Production — 6 classes

- › 4.1 Understanding Quality Control in Fashion Production
- › 4.2 Exploring Key Technologies in Quality Control
- › 4.3 Utilizing Measurement Tools for Quality Assurance
- › 4.4 Integrating Inspection Methods in Fashion Production
- › 4.5 Implementing Data-Driven Quality Improvement Strategies
- › 4.6 Evaluating the Impact of Technology on Quality Control Processes

• 5 Sustainability and Technological Innovations in Fashion Production — 6 classes

- › 5.1 Understanding Sustainability in Fashion Production
- › 5.2 Exploring Technological Innovations in Textiles
- › 5.3 Analyzing Eco-friendly Production Techniques
- › 5.4 Integrating Renewable Resources in Fashion
- › 5.5 Evaluating the Impact of Technology on Supply Chains
- › 5.6 Applying Sustainable Practices in Fashion Design