

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

Advanced Certificate in Color Chemistry & Technical Styling

Practitioner Level



LAPT — London Academy of Professional Training

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Reference BE-HST-P • Beauty Centres

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BE-HST-P
AWARD	Certificate
ASSESSMENT	445 marks — 267 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Advanced Colour Chemistry

5 chapters · 30 classes65 marks

• 1 Chapter 1 — Fundamentals of Colour Theory in Hair Chemistry — 6 classes

› 1.1 Exploring the Basics of Colour Theory

› 1.2 Understanding Colour Relationships in Chemistry

› 1.3 Analyzing the Role of Pigments and Dyes

› 1.4 Examining the Chemical Makeup of Hair Colour

› 1.5 Applying Colour Theory to Hair Chemistry

› 1.6 Evaluating Technical Styling Techniques through Colour Usage

• 2 Chapter 2 — Chemical Composition of Hair Dyes and Pigments — 6 classes

› 2.1 Understanding Hair Dye Chemistry Basics

› 2.2 Analyzing the Molecular Structure of Dye Compounds

› 2.3 Distinguishing Between Permanent and Semi-Permanent Dyes

› 2.4 Exploring the Role of Pigments in Color Formulation

› 2.5 Examining the Interactions of Dyes with Hair Structure

› 2.6 Applying Knowledge to Formulate Custom Hair Colors

• 3 Chapter 3 — Oxidation Processes in Colour Development — 6 classes

› 3.1 Understanding Oxidation: Foundations of Colour Chemistry

› 3.2 Identifying Oxidation Agents: Key Players in Colour Reactions

› 3.3 Examining Oxygen's Role: Catalyst in Colour Development

› 3.4 Analyzing Oxidative Dyeing: Process and Mechanisms

› 3.5 Exploring Antioxidants: Stabilizing Colour Formulations

› 3.6 Applying Oxidation Techniques: Practical Colour Enhancements

• 4 Chapter 4 — Advanced Techniques in Colour Correction and Maintenance — 6 classes

› 4.1 Understanding Colour Theory in Correction

› 4.2 Identifying Common Colour Correction Challenges

› 4.3 Applying Techniques for Neutralising Unwanted Tones

› 4.4 Formulating Custom Solutions for Colour Correction

› 4.5 Maintaining Colour Integrity with Advanced Methods

› 4.6 Evaluating Results and Adjusting Techniques

• 5 Chapter 5 — Innovations and Trends in Hair Colour Technology — 6 classes

› 5.1 Exploring Cutting-Edge Hair Colour Innovations

› 5.2 Understanding Nanotechnology in Hair Dyes

› 5.3 Analyzing Sustainable Hair Colour Solutions

› 5.4 Evaluating Trends in Temporary Hair Colour Products

› 5.5 Assessing Consumer Influences on Hair Colour Technology

› 5.6 Applying Advanced Techniques in Custom Hair Colouring

• 1 Understanding Client Needs and Expectations — 6 classes

- › 1.1 Exploring Client Psychology and Communication
- › 1.2 Identifying Client Preferences and Style Inspirations
- › 1.3 Analyzing Hair and Skin Conditions for Customized Solutions
- › 1.4 Conducting Effective Client Interviews and Assessments
- › 1.5 Formulating Customized Styling Plans
- › 1.6 Managing Client Expectations and Building Trust

• 2 Interpreting Hair and Scalp Analysis — 6 classes

- › 2.1 Understanding Hair Structure and Function
- › 2.2 Identifying Scalp Conditions and Their Implications
- › 2.3 Conducting a Comprehensive Hair Analysis
- › 2.4 Evaluating Hair and Scalp Health Using Diagnostic Tools
- › 2.5 Interpreting Analysis Results to Tailor Client Solutions
- › 2.6 Communicating Findings Effectively to Clients

• 3 Formulating Custom Hair Color Solutions — 6 classes

- › 3.1 Understanding Hair Color Theory
- › 3.2 Evaluating Client Needs and Preferences
- › 3.3 Analyzing Hair Type and Condition
- › 3.4 Selecting the Appropriate Hair Color Palette
- › 3.5 Mixing and Testing Custom Color Formulations
- › 3.6 Applying and Adjusting Color Solutions for Optimal Results

• 4 Technical Styling Techniques — 6 classes

- › 4.1 Understanding Color Theory in Styling
- › 4.2 Exploring Key Styling Tools and Equipment
- › 4.3 Mastering Advanced Texturizing Techniques
- › 4.4 Applying Heat Styling Techniques Safely
- › 4.5 Customizing Styles Based on Hair Type and Condition
- › 4.6 Evaluating Client Satisfaction and Style Adjustments

• 5 Communication and Client Management — 6 classes

- › 5.1 Understanding Effective Communication in Client Interactions
- › 5.2 Building Rapport and Trust with Clients
- › 5.3 Identifying Client Needs and Preferences Through Active Listening
- › 5.4 Customizing Communication Styles to Meet Client Expectations
- › 5.5 Managing Difficult Conversations and Client Concerns
- › 5.6 Implementing Feedback and Continuous Improvement in Client Management

• 1 Color Chemistry Fundamentals for Hair Styling — 6 classes

- › 1.1 Understanding the Basics of Color Chemistry
- › 1.2 Exploring the Spectrum: Primary and Secondary Colors
- › 1.3 Analyzing Hair Pigment and Its Interaction with Dyes
- › 1.4 Examining the Role of pH in Color Treatments
- › 1.5 Applying Color Theory in Hair Styling Techniques
- › 1.6 Innovating with Emerging Trends in Hair Color Chemistry

• 2 Emerging Hair Color Techniques and Technologies — 6 classes

- › 2.1 Understanding the Science: Breakthroughs in Hair Color Chemistry
- › 2.2 Exploring New Pigmentation Techniques: Achieving Vivid Hues
- › 2.3 Examining Technological Innovations: The Role of Digital in Hair Coloring
- › 2.4 Analyzing Sustainable Practices: Eco-Friendly Hair Coloring Solutions
- › 2.5 Demonstrating Application Methods: Hands-On Modern Coloring Techniques
- › 2.6 Evaluating Trends: Predicting Future Developments in Hair Color Styling

• 3 Sustainable Practices in Hair Color Chemistry — 6 classes

- › 3.1 Understanding the Environmental Impact of Hair Color Chemistry
- › 3.2 Exploring Eco-friendly Ingredients in Hair Dyes
- › 3.3 Assessing Packaging Sustainability in the Hair Color Industry
- › 3.4 Investigating Water Conservation Strategies in Hair Salon Practices
- › 3.5 Implementing Waste Reduction Techniques in Hair Color Usage
- › 3.6 Designing Sustainable Hair Color Solutions for Clients

• 4 Digital Tools and Social Media in Hair Styling Trends — 6 classes

- › 4.1 Exploring Digital Platforms in Hair Styling
- › 4.2 Analyzing Social Media Influence on Trends
- › 4.3 Utilizing Image Editing Tools for Visual Impact
- › 4.4 Leveraging Virtual Consultations in Hair Design
- › 4.5 Crafting a Brand with Social Media Strategies
- › 4.6 Evaluating the Impact of Digital Tools on Trend Evolution

• 5 Future Forecasting in Hair Color and Styling Innovation — 6 classes

- › 5.1 Understand Emerging Technologies in Hair Coloring
- › 5.2 Explore Sustainable Practices in Hair Styling
- › 5.3 Analyze Consumer Trends and Preferences
- › 5.4 Investigate the Role of AI in Styling Innovations
- › 5.5 Evaluate Global Market Movements in Hair Fashion
- › 5.6 Apply Predictive Analytics for Future Styling Trends

• 1 Understanding Hair and Scalp Biology — 6 classes

- › 1.1 Exploring Hair Structure and Composition
- › 1.2 Examining Scalp Anatomy and Function
- › 1.3 Analyzing Hair Growth Cycles
- › 1.4 Identifying Common Scalp Conditions
- › 1.5 Investigating Impacts of External Factors on Hair and Scalp
- › 1.6 Applying Biological Concepts to Hair Care Practices

• 2 Chemical Composition and Reactions in Hair Products — 6 classes

- › 2.1 Understanding Chemical Components in Hair Products
- › 2.2 Analyzing Common Hair Product Ingredients
- › 2.3 Exploring Reactions in Hair Dye Products
- › 2.4 Identifying Potential Hazards in Hair Product Formulations
- › 2.5 Evaluating the Safety of Hair Treatment Chemicals
- › 2.6 Applying Safety Standards to Product Use and Development

• 3 Evaluating Product Claims and Testing Methods — 6 classes

- › 3.1 Understanding Product Claims: Definitions and Types
- › 3.2 Analyzing Legal and Regulatory Frameworks
- › 3.3 Mapping the Evaluation Process for Product Claims
- › 3.4 Exploring Testing Methods for Product Efficacy
- › 3.5 Assessing Product Safety: Protocols and Standards
- › 3.6 Interpreting Results: Translating Data into Claims

• 4 Safety Standards and Regulatory Compliance — 6 classes

- › 4.1 Understanding Global Safety Standards in Color Chemistry
- › 4.2 Identifying Key Regulatory Bodies and Their Roles
- › 4.3 Analyzing Product Evaluation Processes for Technical Styling
- › 4.4 Reviewing Safety Data Sheets for Compliance
- › 4.5 Applying Risk Assessment Techniques in Product Development
- › 4.6 Ensuring Compliance Through Documentation and Testing

• 5 Risk Assessment and Management in Hair Product Use — 6 classes

- › 5.1 Understanding Risk in Hair Product Use
- › 5.2 Identifying Common Hazards in Hair Products
- › 5.3 Analyzing Ingredients for Potential Risks
- › 5.4 Applying Risk Assessment Models
- › 5.5 Implementing Safety Management Practices
- › 5.6 Evaluating Risk Management Outcomes

• 1 Understanding the Environmental Impact of Hair Styling Products

— 6 classes

- › 1.1 Exploring Common Ingredients in Hair Styling Products
- › 1.2 Analyzing the Environmental Footprint of Hair Styling Products
- › 1.3 Understanding the Lifecycle of Hair Styling Products
- › 1.4 Evaluating Alternatives: Eco-friendly Ingredients
- › 1.5 Investigating Sustainable Packaging Solutions
- › 1.6 Implementing Sustainable Choices in Hair Styling Practices

• 2 Sustainable Ingredients and Label Reading — 6 classes

- › 2.1 Understanding Sustainable Ingredients in Hair Products
- › 2.2 Identifying Eco-Friendly Labels and Certifications
- › 2.3 Analyzing Ingredient Lists for Environmental Impact
- › 2.4 Comparing Labels: Navigating Marketing Claims vs. Reality
- › 2.5 Evaluating Ingredient Sources for Sustainability
- › 2.6 Applying Knowledge: Creating Eco-Conscious Styling Solutions

• 3 Advanced Techniques for Waste Reduction in the Salon — 6 classes

- › 3.1 Understanding Salon Waste Sources and Impacts
- › 3.2 Analyzing Energy Consumption and Eco-Friendly Alternatives
- › 3.3 Implementing Efficient Water Use Strategies
- › 3.4 Exploring Eco-Conscious Product Choices
- › 3.5 Designing a Waste Management Plan for Salons
- › 3.6 Evaluating the Effectiveness of Waste Reduction Techniques

• 4 Energy-Efficient Salon Management Practices — 6 classes

- › 4.1 Understanding Energy-Efficient Technologies
- › 4.2 Identifying Key Energy Consumers in Salons
- › 4.3 Exploring Renewable Energy Sources for Salons
- › 4.4 Implementing Energy-Saving Techniques
- › 4.5 Analyzing Cost-Benefit of Energy Efficiency
- › 4.6 Designing a Sustainable Salon Energy Plan

• 5 Client Education and Advocacy for Sustainable Hair Styling — 6 classes

- › 5.1 Understanding Sustainable Hair Styling Practices
- › 5.2 Exploring Eco-Friendly Hair Product Ingredients
- › 5.3 Identifying Sustainable Salon Practices
- › 5.4 Educating Clients on Sustainable Hair Choices
- › 5.5 Advocating for Long-Term Sustainable Styling
- › 5.6 Implementing Client Feedback for Better Sustainability

• 1 Understanding Hair Structure and Chemistry in Styling — 6 classes

- › 1.1 Exploring the Basic Structure of Hair
- › 1.2 Analyzing Hair Growth and Composition
- › 1.3 Understanding the Role of Keratin in Hair Strength
- › 1.4 Examining the Impact of pH on Hair Condition
- › 1.5 Investigating Chemical Bonds in Hair Styling
- › 1.6 Applying Structural Knowledge to Technical Styling

• 2 Advanced Tools and Techniques in Heat Styling — 6 classes

- › 2.1 Introduction to Advanced Heat Styling Tools
- › 2.2 Exploring Material Sciences in Styling Tools
- › 2.3 Mastering Temperature Control for Optimal Results
- › 2.4 Techniques for Curling and Creating Volume
- › 2.5 Precision Techniques for Straightening and Smoothing
- › 2.6 Integrating Safety Practices in Heat Styling

• 3 Innovative Styling Techniques Using Chemical Products — 6 classes

- › 3.1 Exploring the Basics of Color Chemistry
- › 3.2 Understanding Chemical Reactions in Styling
- › 3.3 Analyzing the Properties of Styling Agents
- › 3.4 Formulating New Styling Solutions
- › 3.5 Implementing Safety Measures in Chemical Styling
- › 3.6 Innovating with Cutting-Edge Styling Techniques

• 4 Precision Cutting and Texturizing Methods — 6 classes

- › 4.1 Understanding Hair Structure for Precision Cutting
- › 4.2 Mastering the Basics of Precision Cutting Techniques
- › 4.3 Exploring Advanced Texturizing Methods
- › 4.4 Applying Layering Techniques for Textural Effects
- › 4.5 Combining Cutting and Texturizing for Customized Styles
- › 4.6 Evaluating and Refining Cutting Techniques for Precision

• 5 Custom Styling Solutions for Diverse Hair Types — 6 classes

- › 5.1 Understanding Hair Types and Characteristics
- › 5.2 Exploring Textures: Techniques for Curly and Wavy Hair
- › 5.3 Applying Styling Solutions for Coarse and Fine Hair
- › 5.4 Mastering Techniques for Straight and Relaxed Hair
- › 5.5 Customizing Products for Optimal Hair Health
- › 5.6 Creating Bespoke Solutions for Diverse Client Needs