

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

LAPT Certification Class 8



LAPT — London Academy of Professional Training

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5

SUBJECTS

20

CHAPTERS

120

CLASSES

500

TOTAL MARKS

60%

PASS MARK

Lifetime

VALIDITY

AT A GLANCE

AWARD	Certificate
ASSESSMENT	500 marks — 300 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Advanced Certificate in Banking & Financial Services (Aligned with NEP 2020)

4 chapters · 24 classes 100 marks

• 1 Unit 1 — Types of Bank Accounts and Banking Services — 6 classes

- › 1.1 Identify Various Types of Bank Accounts
- › 1.2 Explain the Features of Savings Accounts
- › 1.3 Analyze Current Accounts and Their Benefits
- › 1.4 Describe Fixed Deposits and Their Importance
- › 1.5 Evaluate Additional Banking Services Offered
- › 1.6 Apply Knowledge by Comparing Account Types for Different Needs

• 2 Unit 2 — Digital Banking, UPI and Mobile Payments — 6 classes

- › 2.1 Explore the Evolution of Digital Banking
- › 2.2 Understand the Fundamentals of UPI Systems
- › 2.3 Analyze the Benefits of Mobile Payments
- › 2.4 Compare Digital Banking Platforms and Services
- › 2.5 Implement Security Measures in Mobile Transactions
- › 2.6 Evaluate the Future Trends in Digital Banking and Payments

• 3 Unit 3 — Loans, Insurance and Basic Financial Products — 6 classes

- › 3.1 Define Key Concepts in Loans and Insurance
- › 3.2 Analyze Different Types of Loans Available in the Market
- › 3.3 Explore Insurance Products: Types and Benefits
- › 3.4 Evaluate the Role of Credit Scores in Loan Approval
- › 3.5 Understand the Basics of Mortgage Products and Processes
- › 3.6 Apply Knowledge of Financial Products in a Case Study Scenario

• 4 Unit 4 — Financial Documentation and Consumer Rights — 6 classes

- › 4.1 Identify Key Types of Financial Documentation
- › 4.2 Understand the Purpose and Components of Bank Statements
- › 4.3 Analyze Loan Agreements and Their Terms
- › 4.4 Explore Consumer Rights in Financial Transactions
- › 4.5 Examine the Role of Transparency in Financial Services
- › 4.6 Apply Knowledge of Documentation and Rights in Real-World Scenarios

2

Advanced Certificate in Design Thinking (Aligned with NEP 2020)

4 chapters · 24 classes 100 marks

• 1 Unit 1 — Introduction to Design Thinking — 6 classes

- › 1.1 Define Design Thinking and Its Importance
- › 1.2 Explore the Core Principles of Design Thinking
- › 1.3 Identify the Stages of the Design Thinking Process
- › 1.4 Analyze Real-World Applications of Design Thinking
- › 1.5 Engage in Empathy Mapping for User Understanding
- › 1.6 Prototype a Simple Solution Using Design Thinking Steps

• 2 Unit 2 — Empathise and Define — Understanding Real Problems — 6 classes

- › 2.1 Explore the Importance of Empathy in Design Thinking
- › 2.2 Identify and Analyze Real-World Problems through User Stories
- › 2.3 Conduct User Interviews to Gather Insights
- › 2.4 Synthesize Findings from User Research into Key Themes
- › 2.5 Define User Personas Based on Empathy Insights
- › 2.6 Craft a Problem Statement to Guide Design Solutions

• 3 Unit 3 — Ideate and Prototype — Creating Solutions — 6 classes

- › 3.1 Explore Diverse Ideation Techniques
- › 3.2 Prioritize Ideas Using Feasibility and Impact
- › 3.3 Develop Prototyping Mindsets for Innovation
- › 3.4 Create Low-Fidelity Prototypes in Groups
- › 3.5 Gather Feedback to Refine Prototypes
- › 3.6 Present Solutions and Iterate Based on Critiques

• 4 Unit 4 — Test, Iterate and Present Your Design — 6 classes

- › 4.1 Define Success Criteria for Your Design Testing
- › 4.2 Develop Prototyping Techniques for User Feedback
- › 4.3 Conduct User Testing Sessions and Gather Insights
- › 4.4 Analyze User Feedback and Identify Key Improvements
- › 4.5 Reiterate Design Solutions Based on Feedback Analysis
- › 4.6 Create a Compelling Presentation of Your Final Design

• **1 Unit 1 — Introduction to Environmental Issues** — 6 classes

- › 1.1 Identify Key Environmental Issues Affecting Our Planet
- › 1.2 Analyze the Causes and Effects of Climate Change
- › 1.3 Explore the Impact of Pollution on Ecosystems
- › 1.4 Evaluate the Role of Biodiversity in Environmental Sustainability
- › 1.5 Investigate Global Responses to Environmental Challenges
- › 1.6 Develop Personal Action Plans for Sustainable Living

• **2 Unit 2 — Waste Management and Recycling Practices** — 6 classes

- › 2.1 Analyze the Impact of Waste on Environmental Sustainability
- › 2.2 Identify Types of Solid Waste and Their Sources
- › 2.3 Explore Effective Waste Reduction Strategies
- › 2.4 Evaluate Recycling Processes and Their Benefits
- › 2.5 Design a Community Recycling Initiative
- › 2.6 Assess the Role of Policy in Waste Management Practices

• **3 Unit 3 — Renewable Energy Sources and Green Practices** — 6 classes

- › 3.1 Identify Different Types of Renewable Energy Sources
- › 3.2 Analyze the Benefits of Renewable Energy for Sustainable Development
- › 3.3 Explore Green Practices That Promote Energy Efficiency
- › 3.4 Evaluate Case Studies of Successful Renewable Energy Implementation
- › 3.5 Design a Simple Renewable Energy Solution for Your Community
- › 3.6 Develop an Action Plan for Implementing Green Practices at Home

• **4 Unit 4 — Conservation, Sustainability and Our Responsibility** — 6 classes

- › 4.1 Explore Biodiversity and Its Importance in Conservation
- › 4.2 Examine Key Principles of Sustainable Practices
- › 4.3 Analyze Human Impact on Natural Resources
- › 4.4 Identify Strategies for Effective Waste Management
- › 4.5 Develop a Sustainable Action Plan for Your Community
- › 4.6 Advocate for Environmental Policies and Community Engagement

• **1 Unit 1 — Human Body Systems — An Overview** — 6 classes

- › 1.1 Explore the Major Human Body Systems and Their Functions
- › 1.2 Identify the Key Components of the Circulatory System
- › 1.3 Describe the Role of the Respiratory System in Gas Exchange
- › 1.4 Understand the Structure and Function of the Digestive System
- › 1.5 Assess the Importance of the Nervous System in Body Coordination
- › 1.6 Apply Knowledge of Human Body Systems in Real-World Healthcare Scenarios

• **2 Unit 2 — Patient Care and Basic Nursing Assistance** — 6 classes

- › 2.1 Assess Patient Needs Using Basic Health Evaluation Techniques
- › 2.2 Demonstrate Effective Communication Skills in Patient Care
- › 2.3 Apply Basic Nursing Procedures for Patient Comfort and Safety
- › 2.4 Implement Infection Control Measures in Healthcare Settings
- › 2.5 Support Patients with Mobility Challenges Through Proper Techniques
- › 2.6 Evaluate and Document Patient Care Activities for Quality Improvement

• **3 Unit 3 — Hygiene, Sanitation and Infection Control** — 6 classes

- › 3.1 Identify Key Principles of Hygiene in Healthcare Settings
- › 3.2 Analyze the Role of Sanitation in Preventing Infection
- › 3.3 Evaluate Common Infection Control Procedures
- › 3.4 Demonstrate Proper Hand Hygiene Techniques
- › 3.5 Implement Waste Management Strategies for Infection Control
- › 3.6 Create an Action Plan for Enhancing Hygiene Practices in Healthcare

• **4 Unit 4 — Medical Emergencies and First Response** — 6 classes

- › 4.1 Identify Common Medical Emergencies in Healthcare Settings
- › 4.2 Understand Signs and Symptoms of Cardiac Arrest
- › 4.3 Demonstrate Basic Life Support Techniques
- › 4.4 Recognize and Respond to Respiratory Emergencies
- › 4.5 Apply First Aid Procedures for Trauma Injuries
- › 4.6 Evaluate and Manage Emergencies in a Simulation Scenario

• **1 Unit 1 — Hardware Components and Peripherals** — 6 classes

- › 1.1 Explore the Fundamental Hardware Components of a Computer
- › 1.2 Identify and Describe Input Devices in IT Systems
- › 1.3 Analyze the Role of Output Devices in Computing
- › 1.4 Differentiate Between Storage Types: Volatile vs Non-Volatile
- › 1.5 Evaluate the Functionality of Peripheral Devices in Networking
- › 1.6 Apply Knowledge by Assembling a Computer System with Peripherals

• **2 Unit 2 — Software, Operating Systems and Applications** — 6 classes

- › 2.1 Identify Different Types of Software: System, Application, and Utility
- › 2.2 Explore the Functions and Features of Operating Systems
- › 2.3 Compare and Contrast Open Source vs Proprietary Software
- › 2.4 Analyze the Role of Software in Personal and Professional Settings
- › 2.5 Assess the Importance of Software Updates and Security Patches
- › 2.6 Develop a Small Project Using a Selected Application Software

• **3 Unit 3 — Networking Concepts and Internet Basics** — 6 classes

- › 3.1 Explore Networking Fundamentals and Terminology
- › 3.2 Identify Different Types of Networks: LAN, WAN, and MAN
- › 3.3 Understand Network Topologies: Stars, Rings, and Mesh
- › 3.4 Configure Basic Router and Switch Settings
- › 3.5 Analyze Network Security Protocols and Best Practices
- › 3.6 Create a Simple Network Diagram Using Networking Tools

• **4 Unit 4 — Cybersecurity Awareness and Data Safety** — 6 classes

- › 4.1 Identify Common Cyber Threats and Vulnerabilities
- › 4.2 Understand the Importance of Strong Passwords
- › 4.3 Recognize Phishing Techniques and Prevention Strategies
- › 4.4 Explore the Role of Antivirus Software in Data Safety
- › 4.5 Implement Best Practices for Secure Internet Browsing
- › 4.6 Develop a Personal Cybersecurity Action Plan