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# Enterprise Power Automate (Cloud & RPA) - Administration, Licensing and Governance

## Course Description

This enterprise-focused program is designed based on client discussions to deliver structured and customizable training on Microsoft Power Platform Administration and Power Automate (Cloud & RPA), with strong emphasis on governance, licensing, AI Builder credit management, and enterprise deployment readiness.

The course includes a foundational introduction aligned with PL-900 concepts to ensure all participants share a common understanding of Power Platform components before moving into advanced administration, automation governance, and licensing management topics.

Participants will gain administrative and architectural knowledge required for safe enterprise-wide rollout of Power Platform solutions, including environment governance, licensing compliance, capacity planning, and AI Builder credit management.

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## Audience Profile

This course is designed for:

- Power Platform Administrators
- IT Governance and Compliance Teams
- Automation and RPA Leads
- Licensing and Procurement Teams
- Solution Architects
- Center of Excellence (CoE) Members
- IT Managers responsible for Power Platform rollout

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## Prerequisite

### Essential

- Basic understanding of Microsoft 365
- Basic understanding of business process automation

### Recommended

- Exposure to Power Automate or Power Apps
  - Familiarity with cloud concepts
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## **Course Objective**

By the end of this course, participants will be able to:

- Understand Power Platform components aligned with PL-900 fundamentals
  - Administer and govern Power Platform environments
  - Implement DLP and compliance policies
  - Govern Power Automate cloud and desktop automation
  - Deploy attended and unattended RPA architectures
  - Select appropriate licensing models
  - Plan Dataverse capacity
  - Allocate and monitor AI Builder credits
  - Handle AI Builder overage scenarios
  - Align enterprise automation architecture with Microsoft licensing
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## **Table of Contents (TOC)**

### **Module 1: Power Platform Fundamentals (PL-900 Reference Module)**

#### **Topics**

- Overview of Microsoft Power Platform
- Value proposition of low-code/no-code
- Overview of Power Apps
- Overview of Power Automate
- Overview of Power BI
- Overview of Power Pages
- Overview of Copilot Studio
- Dataverse fundamentals
- Connectors (Standard vs Premium)
- Basic licensing concepts overview

#### **Lab**

- Explore Power Platform portal
- Create a simple cloud flow from template
- Review Dataverse tables in environment

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## Module 2: Power Platform Administration Foundations

### Topics

- Power Platform admin center
- Roles and permissions (Global Admin, Power Platform Admin, Environment Admin)
- Governance fundamentals
- Tenant settings overview
- Managed Environments introduction

### Lab

- Access Power Platform admin center
- Review tenant environments
- Analyze assigned roles

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## Module 3: Environment Strategy and Governance

### Topics

- Environment types (Default, Production, Sandbox)
- Environment lifecycle management
- Environment-level security roles
- Naming standards
- Governance checklist
- Environment strategy for enterprise rollout

### Lab

- Create production and sandbox environments
- Assign roles and configure settings
- Create governance checklist

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## Module 4: Power Automate Administration

### Topics

- Viewing flows across environments
- Managing flow ownership
- Sharing flows and permissions

- Exporting and importing flows
- Turning flows on and off
- Introduction to solutions and ALM
- Moving solutions between environments

**Lab**

- Change flow ownership
  - Package flow into solution
  - Move solution across environments
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**Module 5: Data Loss Prevention (DLP) and Compliance****Topics**

- Understanding DLP policies
- Business vs Non-Business connectors
- Tenant-level vs environment-level DLP
- Compliance scenarios
- Troubleshooting DLP restrictions

**Lab**

- Create DLP policy
  - Restrict premium connectors
  - Validate blocked connector behavior
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**Module 6: Power Automate Cloud Flow Governance and Monitoring**

*(Development removed – focused on administration and governance)*

**Topics**

- Types of flows (Automated, Instant, Scheduled) — governance perspective
- Monitoring flows across environments
- Run history analysis
- Flow failure monitoring and alerts
- Retry policies and error handling overview
- Connector governance (Standard vs Premium)
- On-premises gateway architecture overview
- Enterprise flow lifecycle management

**Lab**

- Review flow analytics and run history
  - Identify failed flows and troubleshoot
  - Configure monitoring and alerts
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**Module 7: RPA Architecture and Desktop Flow Governance**

*(Development removed – focused on enterprise RPA governance)*

**Topics**

- RPA fundamentals and enterprise use cases
- Attended vs Unattended automation architecture
- Desktop flow governance model
- Cloud and desktop flow integration architecture
- Gateway configuration overview
- Monitoring desktop automation execution logs
- Enterprise RPA deployment strategy

**Lab**

- Review desktop flow execution logs
  - Configure RPA environment settings
  - Analyze automation execution history
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**Module 8: Unattended Automation and Licensing Architecture****Topics**

- Power Automate Premium (Per User)
- Power Automate Process (Per Bot)
- Power Automate Hosted Process
- Power Automate Per Flow
- Unattended RPA add-on
- Bot concurrency and deployment rules
- Hosted machine vs customer-managed VM
- Licensing scenarios for enterprise automation

**Lab**

- Map automation scenarios to correct license
  - Design unattended automation architecture
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## **Module 9: Dataverse Capacity and Tenant Planning**

### **Topics**

- Default tenant capacity
- Accrued capacity per license
- Database, File, Log capacity
- Capacity add-ons
- Pay-as-you-go environments
- Managed Environments licensing prerequisites

### **Lab**

- Calculate tenant-wide capacity
  - Estimate additional capacity requirement
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## **Module 10: AI Builder Licensing and Credit Management**

### **Topics**

#### **AI Builder Credit Entitlement**

- AI Builder add-on credits
- Seeded credits from licenses
- Credit limits per tenant
- Post–November 1, 2026 updates

#### **Credit Allocation**

- Allocated vs Unallocated credits
- Tenant-level vs environment-level
- Blocking unallocated credit consumption
- Assigning credits

#### **Monitoring and Consumption**

- Allocation and consumption bars
- AI Builder consumption report
- Monthly reset mechanism

- Prompt token consumption
- Free vs chargeable actions

### **Overage Management**

- EntitlementNotAvailable
- QuotaExceeded
- Copilot Credit fallback
- Environment-level isolation

### **Lab**

- Calculate AI Builder consumption
  - Allocate credits across environments
  - Simulate overage and remediation
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## **Module 11: Enterprise Licensing Governance**

### **Topics**

- How to buy (Partners, Sales, Online)
- Subscription vs Add-on vs Pay-as-you-go
- Included use rights with Power Apps
- Included use rights with Dynamics 365
- Windows desktop flow rights
- Multiplexing rules
- External user licensing
- Support plans overview

### **Lab**

- Licensing compliance review
  - Build enterprise licensing decision matrix
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