

PL-7001: CREATE AND MANAGE CANVAS APPS WITH POWER APPS

“Design, Build, and Manage Low-Code Business Applications with Microsoft Power Apps”

Schedule

Date	Venue	Fees (Online)
06 - 08 Oct 2026	Online	USD 1,000 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Microsoft Power Apps enables organizations to rapidly develop custom business applications using low-code/no-code technologies. Canvas Apps provide flexibility to design user-friendly applications tailored to specific business processes, data sources, and workflows—without extensive programming expertise.

This intensive 3-day Microsoft Official Curriculum (MOC) training equips participants with hands-on skills to design, create, test, publish, and manage Canvas Apps using Power Apps. The course emphasizes practical application development, data integration, formulas, user experience design, and app lifecycle management aligned with Microsoft best practices.

Objectives

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

- Understand Power Apps architecture and components
- Design and build Canvas Apps from scratch
- Connect Canvas Apps to multiple data sources
- Use Power Fx formulas to control app behavior
- Implement responsive design and user experience best practices
- Test, publish, and share Canvas Apps securely
- Manage app versions and permissions

Why Attend

- Gain hands-on experience with Microsoft Power Apps
- Learn low-code app development without complex coding
- Improve business process automation and efficiency
- Build scalable and user-friendly Canvas Apps
- Enhance digital transformation initiatives
- Prepare for advanced Power Platform learning paths

Target Audience

This program is designed for:

- Business analysts and process owners
- Power Platform developers and makers
- IT professionals and system administrators
- Digital transformation teams
- Professionals involved in app development or automation

Individual Benefits

Key competencies that will be developed include:

- Practical Canvas App development skills
- Improved understanding of Power Fx formulas
- Ability to design intuitive app interfaces
- Stronger data integration and app management skills
- Increased confidence in low-code development

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Faster development of custom business applications
- Reduced dependency on traditional software development
- Improved process efficiency and data accessibility
- Enhanced collaboration between business and IT teams
- Better governance and control of Power Apps solutions

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Power Platform overview and Canvas App architecture
- Demonstrations – Instructor-led walkthroughs of app development
- Hands-On Labs – Step-by-step Canvas App creation exercises
- Peer Exchange – Discussion of real business use cases
- Tools – Microsoft Power Apps, Dataverse, and connectors

Course Outline

Detailed 3-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules Coffee Breaks: 09:30 & 11:15 Lunch Break: 01:00 – 02:00

Day 1: Power Apps Fundamentals & Canvas App Design

Module 1: Introduction to Power Platform & Power Apps (07:30 – 09:30)

- Overview of Microsoft Power Platform
- Power Apps components and licensing
- Canvas Apps vs Model-Driven Apps

Module 2: Designing Canvas Apps & User Interface (09:45 – 11:15)

- Creating apps from templates and blank canvas
- Controls, screens, and layouts
- User experience and responsive design principles

Module 3: Data Connections & App Navigation (11:30 – 01:00)

- Connecting to data sources (SharePoint, Excel, Dataverse)
- Galleries, forms, and navigation controls

Day 2: App Logic, Data Management & Power Fx

Module 1: Working with Data & Forms (07:30 – 09:30)

- Displaying, editing, and submitting data
- Validation rules and error handling

Module 2: Power Fx Formulas & Expressions (09:45 – 11:15)

- Core Power Fx functions
- Conditional logic and calculations

Module 3: Advanced App Behavior & User Experience (11:30 – 01:00)

- Variables and collections
- Customizing app behavior and performance optimization

Day 3: Testing, Publishing & Managing Canvas Apps

Module 1: Testing, Debugging & Performance (07:30 – 09:30)

- Testing strategies and app troubleshooting
- Performance best practices

Module 2: Security, Sharing & Governance (09:45 – 11:15)

- User roles and permissions
- Sharing apps and managing access

Module 3: Publishing, Versioning & App Lifecycle Management (11:30 – 01:00)

- Publishing and updating apps
- Version control and monitoring usage

Certification

Participants will receive a Certificate of Completion for PL-7001: Create and Manage Canvas Apps with Power Apps (Microsoft Official Curriculum), validating their practical skills in designing, building, and managing Canvas Apps using Microsoft Power Apps.

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