



GTech Learn

"Our focus is your Success"



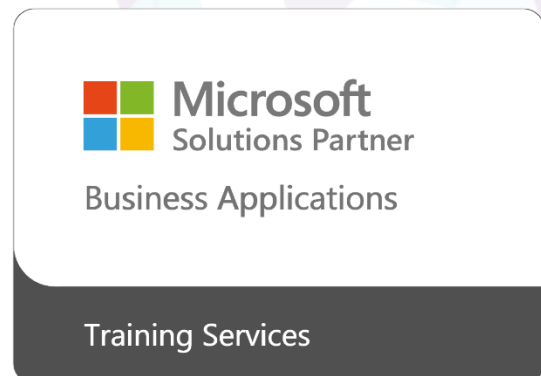
Course Contents

PL-400: Microsoft Power Platform Developer

Duration: 5 Days	Level: Advance	Role: Developer
Certification: Available	Public Schedules: View Dates	Private Delivery: Reach Us

What's included?

- ✓ Learn from Microsoft Certified Trainer (MCT's)
- ✓ 24x7 Lab Access
- ✓ Official Courseware
- ✓ Exam Preps / Practice Tests
- ✓ Badges & Completion Certificate
- ✓ Discounted Exam Vouchers



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Overview

The Microsoft Power Platform helps organizations optimize their operations by simplifying, automating and transforming business tasks and processes. In this course, students will learn how to build Power Apps, Automate Flows and extend the platform to complete business requirements and solve complex business problems.

Audience Profile

Candidates for this course design, develop, secure, and troubleshoot Power Platform solutions. Candidates implement components of a solution that include application enhancements, custom user experience, system integrations, data conversions, custom process automation, and custom visualizations. Candidates will gain applied knowledge of Power Platform services, including in-depth understanding of capabilities, boundaries, and constraints. Candidates should have development experience that includes JavaScript, JSON, TypeScript, C#, HTML, .NET, Microsoft Azure, Microsoft 365, RESTful Web Services, ASP.NET, and Power BI.

Contents

Learning path 1: Work with Microsoft Dataverse

- Introduction to Microsoft Dataverse
- Manage environments
- Manage customizations with solutions
- Create and manage tables in Microsoft Dataverse
- Create and manage columns in Microsoft Dataverse
- Create relationships between tables in Microsoft Dataverse
- Create and define calculated and rollup columns in Microsoft Dataverse
- Define and create business rules in Microsoft Dataverse
- Manage security in Microsoft Dataverse

Learning Path 2: Create model-driven apps

- Get started with model-driven apps
- Configure forms
- Configure views
- Command bar

Learning Path 3: Create canvas apps

- Get started with Power Apps
- Understanding Low Code as a Traditional Developer
- Customize a canvas app

- Navigation in a canvas apps
- Power Fx formulas
- Canvas components
- Testing canvas apps

Learning Path 4: Advanced techniques in canvas apps

- Use imperative development techniques for canvas apps
- Perform custom updates in a canvas app
- Use Dataverse choice columns with formulas
- Work with relational data in a canvas app
- Work with data source limits (delegation limits) in canvas apps
- Performance in canvas apps

Learning Path 5: Automate a business process using Power Automate

- Get started with Power Automate
- Introduction to expressions in Power Automate
- Use Dataverse triggers and actions in Power Automate
- Advanced features of cloud flows

Learning Path 6: Introduction to developing with Power Platform

- Introduction to Power Platform developer resources
- Use developer tools to extend the Power Platform
- Introduction to extending the Microsoft Power Platform
- Work with Dataverse APIs

Learning Path 7: Extending the model-driven app user experience

- Performing common actions with client script
- Best practices with client script

Learning Path 8: Create code components with the Power Apps Component Framework

- Get started with Power Apps component framework

Learning Path 9: Extending Microsoft Dataverse

- Introduction to Dataverse for developers
- Create plug-ins

Learning Path 10: Integrate Dataverse and Azure

- Integrate with Azure
- Integrate with Dataverse

Learning Path 11: Custom Connectors

- Get started with custom connectors
- Azure API Management and custom connectors
- OpenAPI definitions
- Policy templates

Learning Path 12: Application lifecycle management (ALM)

- Solutions and Application Lifecycle Management

Learning Path 13: Create a Technical Design

- Technical architecture

About GTech Learn

Established in 2011 in the USA, GTech Learn is one of the leading IT training organizations in North America & South East Asia. Driven by its unique USPs, GTech Learn is spurring competition, meeting the unmet needs of customers, assisting in skills upgrade, and supplementing talent pools with its presence in the USA, Canada, Singapore and India. This is consistent with our vision to help our Learners with skills upgrade for enhanced career opportunities.







As a Microsoft Learning Partner, we offer a broad range of learning solutions across the full Microsoft technology stack that can be customized.

Since 2011, GTech Learn has been developing custom-fit learning solutions that involve creating and delivering maximum results.

We have successfully helped all types of businesses, government entities, and individuals. For this reason, GTech has chosen by Microsoft to deliver comprehensive learning programs around the globe.

With flexible learning options, state-of-the-art delivery methods, numerous language preferences, experienced instructors, and complete dedication to our students, GTech Learn has the capabilities to help students develop their Microsoft skill sets and achieve increasingly high standards of productivity while organizations of all sizes realize the full potential of their technology investments.

Our Accreditations with Microsoft

 Security Training Services	 Modern Work Training Services	 Business Applications Training Services
 Infrastructure Azure Training Services	 Digital & App Innovation Azure Training Services	 Data & AI Azure Training Services