MS-600T00: Building Applications and Solutions with Microsoft 365® Core Services

Duration: 5 Days
Method: Instructor-Led Training (ILT) | Live Online Training

*Certification: Microsoft 365 Certified: Developer Associate — **Exam:** MS-600 Building Applications and Solutions with Microsoft 365 Core Services*

Course Description

In this course, participants will learn how to implement Microsoft® Identity and work with Microsoft Graph. They will also gain the knowledge on UI elements (including Adaptive Cards and UI Fabric), Integration Points (including Microsoft Teams, Office Add-ins, SharePoint® Framework, Actionable Messages), and determining workload platform targets.

Target Audience

This course is intended for:
- Persons who are interested in Microsoft 365 development platform.

Prerequisites

To attend this course, candidates must have:
- One to Two (1-2) years of experience as a developer.
- Basic understanding of REST APIs, JSON, OAuth2, OData, OpenID Connect, Microsoft Identities including Azure® AD and Microsoft accounts, Azure AD B2C, and permission/consent concepts.
- Some experience developing solutions on Microsoft Teams, Office Add-ins, or SharePoint® Framework through all phases of software development.

Course Objectives

Upon successful completion of this course, attendees will be able to:
- Implement Microsoft Identity.
- Work with Microsoft Graph.
- Determine workload platform targets.
- Understand integration points, including Microsoft Teams, Office Add-ins, and SharePoint Framework.

Course Topics

Module 1: Implement Microsoft Identity

- Microsoft Identity Platform
- Register an Application
- Implement Authentication
- Configure Permissions to Consume an API
- Implement Authorization to Consume an API
- Implement Authorization in an API
- Create a Service to Access Microsoft Graph

Module 2: Work with Microsoft Graph

- What is the Microsoft Graph?
- Access User Data from Microsoft Graph
- Data Usage with Query Parameters
- Manage a Group Lifecycle on Microsoft Graph
- Access Files with Microsoft Graph
- Optimize Network Traffic

Module 3: Extend and Customize SharePoint

- SharePoint Framework Web Parts
- SharePoint Framework Extensions
- Package and Deploy an SPFx Solution
- Consumption of Microsoft Graph
- Consumption of Third-Party APIs Secured with Azure AD from Within SPFx
- Web Parts as Teams Tabs
- Branding and Theming in SharePoint

Module 4: Extend Microsoft Teams

- Microsoft Teams App
- Webhooks in Microsoft Teams
- Tabs in Microsoft Teams
- Messaging Extensions in Microsoft Teams
- Conversational Bots in Microsoft Teams

Module 5: Extend Microsoft Office

- Office Add-Ins
- Office JS APIs
- Customization of Add-Ins
- Testing, Debugging, and Deployment Options
- Actionable Messages

LABS INCLUDED