SharePoint

MS-600: Develop apps for Microsoft Teams – Associate

$2,595.00

- 4 Days

Upcoming Dates

Course Description

Microsoft Teams is an extensible platform you can create custom apps on; putting your app at the heart of your organizations collaboration platform. Apps for Microsoft Teams can be as simple or as complex as you need, from sending notifications to channels or users to complex multi-surface apps incorporating conversational bots, natural language processing, and embedded web experiences. You can build apps for an individual, your team, your organization, or for all Microsoft Teams users everywhere. Learn how to customize and extend Microsoft Teams. This learning path can help you prepare for the Microsoft 365 Certified: Developer Associate certification.

This learning path helps prepare you for Exam MS-600: Building Applications and Solutions with Microsoft 365 Core Services.

Course Outline

Introduction to building apps for Microsoft Teams

Microsoft Teams is an extensible platform you can build custom apps on. Understand what is possible with a Microsoft Teams custom app, and determine if it's right for you.

Task-oriented interactions in Microsoft Teams with messaging extensions

In this module, you'll learn how to create different types of messaging extensions in a custom Microsoft Teams app.

Create embedded web experiences with tabs for Microsoft Teams

Tabs are Microsoft Teams-aware webpages embedded in Microsoft Teams. They can be added as part of a channel or a group chat inside a team or as a personal app for an individual user. As part of your app, you can add custom tabs to embed your own web content in Teams. Two types of tabs are available in Teams, channel/group and personal. In this module, you'll learn how to create tabs and add them to your Microsoft Teams app.

Create interactive conversational bots for Microsoft Teams

Conversational bots allow users to interact with your web service through text, interactive cards, and task modules. Conversational bots can be scoped to handling a few simple commands or complex, artificial intelligence powered and natural language processing virtual assistants. They can be one aspect of a larger application, or completely stand alone. In this module, you'll learn how to create and add bots to custom Microsoft Teams apps.

Collect Input in Microsoft Teams with Task Modules

Task modules are modals that you can populate with either an Adaptive Card or an embedded web/content page for use in your custom Microsoft Teams app's user experience for workflows that require data input. Task modules allow you to gather information in a Teams-aware popup. In this module, you'll learn how to create and add task modules to your Microsoft Teams app.

Connect web services to Microsoft Teams with webhooks and Office 365 Connectors

Webhooks and connectors are a simple way to connect your web services to channels and teams inside Microsoft Teams. Outgoing webhooks allow your users to send text messages from a channel to your web services. Connectors allow users to subscribe to receive notifications and messages from your web services. There are two types of connectors available in Microsoft Teams: incoming webhooks and Office 365 connectors. In this module, you'll learn about webhooks and connectors and how to implement them in Microsoft Teams channels.

Microsoft Teams – Use the teamwork Microsoft Graph endpoint

Microsoft Teams is the ultimate hub for teamwork & intelligent communications. Microsoft Teams delivers chat-based collaboration, meetings, calling, and enterprise voice features. Developers can tap into the power of Microsoft Teams with Microsoft Graph to integrate your custom applications. In this module, you'll learn how to use Microsoft Graph to interact with Microsoft Teams.

Microsoft Teams – Authentication and Single Sign-on

Developers can create Microsoft Teams apps to create new experiences for their users and integrate with existing business solutions. When custom applications need to access user information protected by Azure AD, and data from other services, apps will need to establish a trusted connection with these providers. In this module, you'll learn about the different authentication flows supported by Microsoft Teams that you can use in your custom apps.

Create interactive meeting apps for Microsoft Teams

Meetings enable collaboration, partnership, informed communication, and shared feedback. The meeting app can deliver a user experience for each stage of the meeting lifecycle. Meeting lifecycle includes pre-meeting, in-meeting, and post-meeting app experience, depending on the attendee's status. In this module, you'll learn how to create custom apps to be used in Microsoft Teams meetings.

Audience

Prerequisites

None

What You Will Learn