

PROFESSIONAL COURSE OUTLINE

Microsoft

AB-620

AI Agent Builder Associate (beta)

Important

**This course will be available on 5/29/2026.

In this course, you learn how to design, build, and manage production ready AI agent solutions using Microsoft Copilot Studio—with a focus on building agents that integrate across systems and operate reliably at enterprise scale.

You'll go beyond creating standalone agents and learn how to deliver end to end solutions that automate real business processes, connect to enterprise data, and take meaningful action across platforms. Throughout the course, you'll apply best practices for integration, governance, security, and responsible AI, so your agents are ready for real world deployment. By the end of this course, you'll be able to:

- Design Copilot Studio agents that integrate with enterprise systems and data using connectors, APIs, Azure AI Search, and Model Context Protocol (MCP)
- Build and orchestrate advanced workflows and multi agent solutions
- Automate complex scenarios, including human in the loop and computer use workflows
- Apply identity, security, governance, and responsible AI considerations during solution design and implementation
- Test, monitor, and manage agents as enterprise grade solutions

Power Platform

Intermediate

Azure, Microsoft 365 Copilot, Microsoft Copilot Studio, Power Platform

PROGRAM CODE

AB-620

DELIVERY

Virtual, On-site, or Hybrid

DURATION

3 days

CERTIFICATION

Microsoft Certified: AI Agent Builder Associate (beta)

AUDIENCE PROFILE

Who This Program Is For

This course is designed for advanced builders and professional developers who want to design, extend, and integrate Copilot Studio agents. Your goal is to automate real business processes by connecting agents to enterprise data, systems, and services—while applying sound design, security, governance, and responsible AI practices. You should already have hands on experience building agents in Copilot Studio, an intermediate understanding of generative AI concepts, proficiency working with REST APIs, and familiarity with the broader Microsoft cloud platform.

PROGRAM SUMMARY

What This Course Covers

As a candidate for this Microsoft Certification, you're a professional developer or advanced builder who builds, extends, and integrates custom agents for enterprise-grade solutions.



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

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TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.

1

MODULE 1

Design agent conversations and responses using topics in Microsoft Copilot Studio

Learn to design and configure agent conversations and responses using topics in Microsoft Copilot Studio. This learning path covers foundational topic authoring, delivering rich Adaptive Card responses, integrating topics with tools and agent flows, and generating AI-powered answers using generative answers nodes and custom prompts.

- Deliver rich agent responses using Adaptive Cards in Microsoft Copilot Studio
- Take action from agent conversations using topics and tools in Microsoft Copilot Studio
- Generate AI-powered agent responses using generative answers in Microsoft Copilot Studio

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MODULE 2

Design and build multi-agent solutions in Microsoft Copilot Studio

Learn to plan, design, and build multi-agent solutions in Microsoft Copilot Studio. You'll learn how to evaluate when multi-agent approaches are appropriate, architect solutions using child agents and connected agents, and implement both patterns to create organized, scalable agent systems.

- Design multi-agent solutions in Microsoft Copilot Studio
- Delegate agent tasks using child agents in Copilot Studio
- Build multi-agent solutions using connected agents in Copilot Studio
- Build cross-platform multi-agent solutions using the Agent2Agent protocol in Microsoft Copilot Studio

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MODULE 3

Integrate agents with enterprise systems in Microsoft Copilot Studio

Learn to integrate Copilot Studio agents with enterprise systems. This learning path covers evaluating integration patterns, configuring connectors and REST API tools, grounding agents with enterprise knowledge sources, and connecting agents to external systems via MCP.

- Design integration strategies for agents in Microsoft Copilot Studio
- Take action in external systems using connector and REST API agent tools in Microsoft Copilot Studio
- Ground agents with enterprise knowledge using connectors and Azure AI Search in Microsoft Copilot Studio
- Integrate agents with external systems via MCP in Microsoft Copilot Studio

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