

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Develop generative AI apps with Azure OpenAI and Semantic Kernel

Program aligned

Official Microsoft Applied Skill-aligned program focused on generative ai development.

AI

Intermediate

Azure OpenAI, Semantic Kernel

Applied Skill

DURATION

Applied skill assessment

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Applied Skills credential

AUDIENCE PROFILE

Built for these roles

Built for developers building orchestrated generative AI applications with Azure OpenAI and Semantic Kernel.

OVERVIEW

Executive overview

Applied skill-aligned program for developing generative AI applications using Azure OpenAI and the Semantic Kernel orchestration framework.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen delivery capability in generative ai development scenarios
- Apply Microsoft technology skills in task-oriented, real-world workflows
- Build stronger delivery confidence through scenario-based implementation practice
- Prepare teams for hands-on Microsoft applied-skill validation

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds strong generative AI development capability for teams using Semantic Kernel to orchestrate enterprise AI workflows.

Customization options

- Align the workshop to your real business or technical scenario
- Add project-focused labs and implementation guidance
- Extend into adoption, governance, or production-readiness reviews

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CURRICULUM

Curriculum roadmap

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MODULE 1

Azure OpenAI

Cover azure openai skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI, Semantic Kernel.

- Cover azure openai skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI
- Semantic Kernel

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MODULE 2

Semantic Kernel

Cover semantic kernel skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI, Semantic Kernel.

- Cover semantic kernel skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI
- Semantic Kernel

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MODULE 3

AI Orchestration

Cover ai orchestration skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI, Semantic Kernel.

- Cover ai orchestration skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI
- Semantic Kernel

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MODULE 4

Plugins

Cover plugins skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI, Semantic Kernel.

- Cover plugins skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI
- Semantic Kernel

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MODULE 5

Generative AI Patterns

Cover generative ai patterns skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI, Semantic Kernel.

- Cover generative ai patterns skills through hands-on lab scenarios aligned to the Generative AI Development applied skill in Azure OpenAI
- Semantic Kernel

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)

[Book advisory call](#)

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