

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Develop AI Solutions in Azure

AI-102T00

Official Microsoft Learn course aligned to Azure AI engineering responsibilities, covering generative AI apps, agents, computer vision, language, and information extraction scenarios.

AI

Intermediate

Azure

DURATION

5 days

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Certified: Azure AI Engineer Associate

AUDIENCE PROFILE

Built for these roles

Software engineers building AI-powered applications with Azure AI Foundry and Azure AI services.

OVERVIEW

Executive overview

AI-102 focuses on developing AI solutions in Azure, including generative AI applications, intelligent agents, natural language, computer vision, and information extraction workloads.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Develop AI-infused applications by using Azure AI services
- Build generative AI applications and agent-based solutions
- Implement natural language and speech-enabled experiences
- Create information extraction and search-driven AI workflows

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Helps engineering teams move from AI experimentation to production by building delivery skills in Azure AI application design, development, and deployment.

Customization options

- Align labs to your AI use case and domain data
- Add deeper agent engineering and orchestration coverage
- Extend into production governance and evaluation workflows

TRAINING PROVIDER


VNode ITeS


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Azure · AI · Data · Power Platform

CURRICULUM

Curriculum roadmap

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MODULE 1

Get Started with Azure AI Services

Configure, secure, and monitor Azure AI services, including resource provisioning, authentication, and responsible AI controls.

- and monitor Azure AI services
- including resource provisioning
- authentication
- and responsible AI controls

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MODULE 2

Computer Vision and Multimodal AI

Build vision-enabled applications with Azure AI Vision, Video Indexer, and multimodal model capabilities for image and video understanding.

- Build vision-enabled applications with Azure AI Vision
- Video Indexer
- and multimodal model capabilities for image
- video understanding

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MODULE 3

Natural Language Processing and Speech

Implement NLP solutions including text analysis, translation, and conversational language; add speech-to-text and text-to-speech capabilities.

- Implement NLP solutions including text analysis
- and conversational language; add speech-to-text
- text-to-speech capabilities

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MODULE 4

Azure AI Search and Information Extraction

Design AI-enriched search pipelines with Azure AI Search for knowledge mining, extraction, and intelligent document processing.

- Design AI-enriched search pipelines with Azure AI Search for knowledge mining
- and intelligent document processing

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MODULE 5

Generative AI and Intelligent Agents

Build generative AI applications with Azure OpenAI, design agent workflows with Semantic Kernel, and apply evaluation and governance practices.

- Build generative AI applications with Azure OpenAI
- design agent workflows with Semantic Kernel
- and apply evaluation
- governance practices

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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