

## AI-901T00-A: Introduction to AI in Azure

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**Duration Course:** 8h

### Overview

This course introduces fundamental concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. It teaches a mix of AI concepts and technology skills that are considered foundational to a successful career implementing AI solutions on Microsoft Azure.

### Audience Profile

This course is for aspiring technology professionals at the beginning of their career in AI solution development. Some knowledge of Python coding syntax and programming techniques is useful. Additionally, knowledge of core cloud concepts, including cloud storage, cloud compute, and cloud-based authentication and authorization is recommended.

## Course Modules

### Learning Path 1

#### Module 1 — Introduction to AI concepts

#### Module 2 — Introduction to generative AI and agents

- Generative AI
- Large Language Models (LLMs)
- Prompts
- AI agents

#### Module 3 — Introduction to natural language processing concepts

- Natural Language Processing (NLP)
- Text analysis
- Semantic meaning

#### Module 4 — Introduction to AI speech concepts

- Speech recognition
- Speech synthesis

#### ΑΘΗΝΑ

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## Module 5 — Introduction to computer vision concepts

- Computer vision
- Image analysis
- Computer vision techniques

## Module 6 — Introduction to AI-powered information extraction concepts

- Information extraction
- Extraction δεδομένων από documents, images και unstructured data

## Module 7 — Introduction to retrieval-augmented generation concepts

- Retrieval-Augmented Generation (RAG)
- Preparation of data
- Retrieval
- Grounded generation

## Learning Path 2

### Get started with AI applications and agents on Azure

#### Module 8 — Get started with AI in Azure

- Azure AI
- Building AI applications
- Microsoft Foundry
- AI solutions

#### Module 9 — Get started with generative AI and agents in Azure

- Generative AI models
- Microsoft Foundry
- AI agents

#### Module 10 — Get started with text analysis in Azure

- AI models
- Azure Language
- Text analysis
- Python client application

#### Module 11 — Get started with speech in Azure

- Speech recognition
- Speech synthesis
- Azure Speech

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## Module 12 — Get started with computer vision in Azure

- Image analysis
- Multimodal models
- Image generation
- Video generation

## Module 13 — Get started with AI-powered information extraction in Azure

- AI-powered information extraction
- Azure Content Understanding
- Extraction of information from content

## Module 14 — Get started with Microsoft Foundry IQ

- Knowledge retrieval
- Enterprise data
- AI agents
- Grounded responses
- Citation-backed responses

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## Ωρολόγιο Πρόγραμμα

| Ημερομηνίες               | Ωράριο Μαθημάτων |
|---------------------------|------------------|
| Πέμπτη, 22 Οκτώβριος 2026 | 18:30 – 21:45    |
| Τρίτη, 27 Οκτώβριος 2026  | 18:30 – 21:45    |

**Πληροφορίες – Εγγραφές:** 211 500 7000 & 231 098 1700

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