



# AgenticAIBIZ™ (Exam AGZ-110): Foundations of Agentic AI

## Course Number:

CNX0025

## Course Length:

1 day

## Overview:

Artificial intelligence (AI) agents are rapidly becoming a core driver of business automation. Harnessing the power of generative AI and large language models (LLMs) through agentic frameworks introduces powerful new ways to streamline operations, boost productivity, and free users from tedious and time-wasting tasks. By designing and deploying agents responsibly and effectively, organizations can accelerate adoption, reduce risks, and gain a competitive advantage in the impending "agentic shift."

This course is an introduction to AI agents from a strategic business perspective. It will not teach you how to build agents—instead, it will teach you how to determine whether, where, and how agents should exist in your organization.

## Course Objectives:

In this course, you will responsibly plan agentic AI initiatives that deliver measurable business value. You will:

- Identify the fundamentals of agentic AI.
- Determine whether AI agents are suitable for a given business problem.
- Design business-driven agentic solutions at a high level, without going deep into the technical details.
- Manage the risks of agentic AI.
- Adopt agentic AI into the organization.
- Prepare to execute an agentic strategy so implementation can proceed.

## Target Student:

This course is designed for business leaders, consultants, product and project managers, and other decision makers who are interested in unlocking the power of agentic AI to enhance business processes. It's also a great starting point for technical practitioners who have been tasked with implementing agentic solutions in the organization.

This course is also designed to assist students in preparing for the CertNexus® AgenticAIBIZ™ (Exam AGZ-110) credential.

## Prerequisites:

To ensure your success in this course, you should have a foundational knowledge of business processes and general business concepts, as well as a general awareness of AI. You should also have at least a basic understanding of information technology resources and systems, including networks, computers, and other electronic devices used in the enterprise.

## Course Content

### **Lesson 1: Agentic AI Fundamentals**

Topic A: Identify Agentic AI Concepts

Topic B: Identify Core Components of an Agent Architecture

### **Lesson 2: Determining the Suitability of AI Agents**

Topic A: Analyze Business Processes for Automation Potential

Topic B: Assess the Value and Feasibility of Agentic AI

Topic C: Identify Real-World Use Cases

### **Lesson 3: Designing Agentic Solutions at a High Level**

Topic A: Select Appropriate Agent Design Patterns

Topic B: Identify Memory and Context Strategies

### **Lesson 4: Managing Agentic AI Risks**

Topic A: Identify the Technical Risks of Agentic AI

Topic B: Identify the Business Risks of Agentic AI

Topic C: Design Safety and Oversight Mechanisms

### **Lesson 5: Adopting Agentic AI into the Organization**

Topic A: Plan Agent Initiatives

Topic B: Prepare the Organization for Agent Adoption

### **Lesson 6: Preparing to Execute Agentic Strategy**

Topic A: Prioritize Agent Workflows and Applications

Topic B: Communicate Agent Strategy to Stakeholders