



Course Content

Course Description:

In the past, popular thought treated artificial intelligence (AI) as if it were the domain of science fiction or some far-flung future. In the last few years, however, AI has been given new life. The business world has especially given it renewed interest. However, AI is not just another technology or process for the business to consider—it is a truly disruptive force, one that promises to deliver an entirely new level of results for all aspects of the business. Even organizations that resist adopting AI will feel its impact. If the organization wants to thrive and survive in this transforming business landscape, it will need to harness the power of AI.

Prerequisites:

To ensure your success in this course, you should have foundational knowledge of business processes and general concepts. 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.

Target Student:

This course is primarily designed for managers, business leaders, and other decision makers who are interested in growing the business by leveraging the power of AI. Other individuals who wish to explore basic AI concepts are also candidates for this course. This course is also designed to assist students in preparing for the CertNexus AIBIZ™ (Exam AIZ-110) credential.

Topics:

Lesson 1: AI Fundamentals

- Topic A: AI Concepts
- Topic B: Approaches to Machine Learning and Deep Learning

Lesson 2: AI Implementations

- Topic A: Data Science
- Topic B: Search Engines

Lesson 2: AI Implementations (cont.)

- Topic C: Natural Language Processing
- Topic D: Computer Vision
- Topic E: Robotics

Lesson 3: The Impact of AI

- Topic A: Benefits of AI
- Topic B: Challenges of AI
- Topic C: Business Use Cases for AI