ETBIZ: Emerging Technology for the Business Professional (Exam ETZ-210)

Course Number: CNX0480

Course Length: 1 day (excluding activities)

Overview:

This three-course bundle includes course material for the Emerging Technology for the Business professional, inclusive of IoTBIZ, AIBIZ and DSBIZ, as well as a combined assessment allowing the learner to obtain the ETBIZ credential.

Course Objectives:

Business professionals will gain an understanding of internet of things, artificial intelligence, and data science, plus the benefits and challenges of how to begin integrating these emerging technologies into your business.

Target Student:

This course is designed for business leaders and decision makers, including C-level executives, project managers, HR leaders, Marketing and Sales leaders, technical sales consultants, and other decision makers who want to increase their knowledge of and familiarity with emerging technologies such as Artificial Intelligence, Data Science and Internet of Things.

This course is also designed to assist learners in preparing for the CertNexus® ETBIZ: Emerging Technology for the Business Professional (Exam ETZ-210) credential.

Prerequisites:

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

Course Content:

AIBIZ content
Lesson 1: AI Fundamentals
      Topic A: A Brief History of AI
      Topic B: AI Concepts
Lesson 2: Functions of AI in Business
      Topic A: Improve User Experiences
      Topic B: Segment Audiences
      Topic C: Secure Assets
      Topic D: Optimize Processes
Lesson 3: Implementing Business Requirements for AI
      Topic A: Identify Design Requirements
      Topic B: Identify Data Requirements
      Topic C: Identify Risks in Implementing AI
      Topic D: Develop an AI Strategy

DSBIZ content
Lesson 1: Data Science Fundamentals
        Topic A: What is Data Science?
        Topic B: Types of Data
        Topic C: The Data Science Lifecycle
Lesson 2: Data Science Implementation
        Topic A: Data Acquisition and Preparation
        Topic B: Data Modeling and Visualization
        Topic C: Data Science Roles
Lesson 3: The Impact of Data Science
        Topic A: Benefits of Data Science
        Topic B: Challenges of Data Science
        Topic C: Business Use Cases for Data Science

IoTBIZ content
Lesson 1: Defining IoT for Business Leaders
        Topic A: IoT Ingredients
        Topic B: IoT Business Strategies
Lesson 2: IoT Infrastructure
        Topic A: System of Systems
        Topic B: Identify Resources
Lesson 3: Business Benefits and Challenges of IoT
        Topic A: Business Considerations
        Topic B: Security Concerns
        Topic C: Organizational and Societal Impacts
Lesson 4: Real World Applications for IoT
        Topic A: IoT Market Sectors
        Topic B: IoT Implementation
Lesson 5: Best Practices for IoT Implementation