

## CN-ETBIZ



## EMERGING TECHNOLOGY FOR THE BUSINESS PROFESSIONAL

| DURATION | LEVEL        | TECHNOLOGY    | DELIVERY METHOD               | TRAINING CREDITS |
|----------|--------------|---------------|-------------------------------|------------------|
| 1 Day    | Fundamentals | AI / IoT / DS | Classroom , Virtual or Onsite | NA               |

### INTRODUCTION

This three-course bundle includes course material for the Emerging Technology for the Business professional, inclusive of IoT BIZ (*Internet of Things (IoT) for Business Professionals*) , AIBIZ (*Artificial Intelligence (AI) for Business Professionals*) and DSBIZ (*Data Science for Business Professionals*) , as well as a combined assessment allowing the learner to obtain the ETBIZ credential.

### AUDIENCE PROFILE

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 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.

### COURSE TOPICS

#### AIBIZ content

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

- A Brief History of AI
- AI Concepts

##### **Lesson 2: Functions of AI in Business**

- Improve User Experiences
- Segment Audiences
- Secure Assets
- Optimize Processes

##### **Lesson 3: Implementing Business Requirements for AI**

- Identify Design Requirements

- Identify Data Requirements
- Identify Risks in Implementing AI
- Develop an AI Strategy

#### DSBIZ content

##### **Lesson 1: Data Science Fundamentals**

- What is Data Science?
- Types of Data
- The Data Science Lifecycle

##### **Lesson 2: Data Science Implementation**

- Data Acquisition and Preparation
- Data Modeling and Visualization
- Data Science Roles

##### **Lesson 3: The Impact of Data Science**

- Benefits of Data Science
- Challenges of Data Science
- Business Use Cases for Data Science

**IoT BIZ 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**

- Business Considerations
- Security Concerns
- Organizational and Societal Impacts

**Lesson 4: Real World Applications for IoT**

- IoT Market Sectors
- IoT Implementation

**Lesson 5: Best Practices for IoT Implementation**

## ASSOCIATED CERTIFICATIONS & EXAM

The ETBIZ assessment (#ETZ-210) – Online via CHOICE, which will be a combined assessment allowing the learner to obtain the ETBIZ credential..

Upon completion of this course, delegates will receive a MIE attendance certificate.