



ETBIZ: Emerging Technology for the Business Professional

Course ID #: 7000-878-ZZ-Z

Hours: 7

Course Content

Course Description:

In this course, you will cover 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:

Upon successful completion of this course, students will gain:

- An understanding of internet of things, artificial intelligence, and data science
- An understanding of the benefits and challenges of how to begin integrating these emerging technologies into your business

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.

Target Audience:

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.



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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 Content

Lesson 1: Defining IoT for Business Leaders

- IoT Ingredients
- IoT Business Strategies

Lesson 2: IoT Infrastructure

- System of Systems
- 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

Register for this class by visiting us at:

www.tcworkshop.com or calling us at 800-639-3535