Certnexus - Internet of Things for the Business Professional

Course code: IoTBIZ

The Internet of Things (IoT) promises a wide range of benefits for industry, energy and utility companies, municipalities, healthcare, and consumers. Data can be collected in extraordinary volume and detail regarding almost anything worth measuring, such as public health and safety, the environment, industrial and agricultural production, energy, and utilities. New data analysis tools have been optimized for the massive amounts of data that IoT produces, enabling well-informed decisions to be made quickly.

This course and associated credential (IOZ-110) will validate a participant's knowledge of IoT terminology, their ability to understand the components of IoT infrastructure, uncover challenges for consideration and the impact that IoT has on their organization. Successful participants will be able to identify what IoT can do for their organization and the various business and technical challenges to address. CertNexus is recognized by SHRM to offer Professional Development Credits (PDCs) for SHRM-CP® or SHRM-SCP® recertification activities.

Who is the course for

This course is intended for business leads in project management, marketing and sales who are seeking to grow their organization through IoT technology solutions. This course prepares students for taking the CertNexus® IoTBIZ Credential (IOZ-110).

Teaching materials

Official guide book for this course

Course outline

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

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