

Course Overview

The course provides learners with an engaging, exploratory view of the Internet of Things and highlights how Digital Transformation impacts organizations, businesses, governments, industries, and our daily lives.

Benefits

Learners discover how IoT, along with emerging technologies such as data analytics, artificial intelligence and cybersecurity, are digitally transforming industries and expanding career opportunities. Learners understand the importance of Intent-Based Networking using a software-driven approach and machine learning to be able to connect and secure tens of billions of new devices with ease.

- ✓ Develops digital basics
- ✓ Explores career opportunities in the new emerging technologies landscape

Course Details

Target Audience: Secondary and 2-Year college students, general audience

Estimated Time to Completion: 6 hours

Prerequisites: None
Recommended Preparation: None

Course Delivery: Instructor-led or Self-Paced

Learning Component Highlights:

- 6 modules
- 16 practice lab activities
- 7 Cisco Packet Tracer activities
- 12 videos
- Knowledge checks and module quizzes
- Final exam

Course Recognitions: Digital Badge

Certification Alignment: None

Recommended Next Course: Networking Basics



Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required