

## 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