

# Emerging Technologies

## Category and Courses Marketing Kit

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# I. Course Summary Descriptions

## Emerging Technologies

Today's professional landscape has seen a steady influx of new and exciting technological advancements that promise to revolutionize a variety of industries. Managers must be familiar with what emerging technologies may impact their organizations and networks and how these developments can be leveraged to boost their workers' performance. These courses will explore a range of emerging technologies—including artificial intelligence, robotics, and blockchain—and consider some of the potential legal and ethical concerns that may accompany their implementation in the workplace.

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## Certificate in Emerging Technology for Managers

This Certificate in Emerging Technology for Managers addresses blockchain, artificial intelligence, and robotics. Learners who have completed this suite of courses are knowledgeable in how each technology affects business processes and how each contributes to a discussion about the future of labor. In the current business environment, managers and leaders should have a baseline understanding of these emerging technologies. Certificate holders are informed about cryptocurrencies and how blockchain is restoring trust and security in Internet transactions. Learners have examined how artificial intelligence is leading to gains in efficiency and performance, along with concepts and metrics for management to consider when evaluating an investment in robotics.

**Learner Satisfaction: 100%**

**Estimated length: 9 hours**

**Access Time: 270 days**

**Credits: 0.9 CEUs**

## A Manager's Guide to Artificial Intelligence

This course introduces learners to basic artificial intelligence concepts and trends. Artificial Intelligence plays an increasingly important role in many industries. The emergence of this new technology promises to bring unprecedented efficiencies for organizations and enhance business performance. In today's global economy, managers will need to know how AI can be leveraged to keep their organizations competitive, as well as understand the potential ethical issues associated with employing AI technologies such as deep learning, machine learning, and the various AI-enabled recognition technologies.

**Learner Satisfaction: 100%**

**Estimated length: 3 hours**

**Access Time: 90 days**

**Credits: 0.3 CEUs**

# A Manager's Guide to Blockchain

Blockchain is on the forefront of emerging technologies and is the foundation of modern cryptocurrencies. If you're a manager with little exposure to blockchain as a concept, this course will help you build an understanding of the concepts and how the technology might apply to your business. This course is an introduction to blockchain as an underlying technology for cryptocurrencies and other applications. The assignments delve into critical parts of blockchain, such as consensus mechanisms and cryptography. They also look at blockchain's impact on verticals such as healthcare, Fintech, and government, along with democracy, governance, and social impact.

**Learner Satisfaction: 100%**

**Estimated length: 3 hours**

**Access Time: 90 days**

**Credits: 0.3 CEUs**

# A Manager's Guide to Robotics

This course will introduce many of the concepts and metrics for management to consider when evaluating whether an investment in robotics is the right decision for the operation. The course begins by defining automation types and processes before exploring the business functions involved in making the decision to execute an automation enhancement. In addition to delving into pragmatic issues, this course also explores the strategic and ethical issues of replacing human workers with robots.

**Learner Satisfaction: 100%**

**Estimated length: 3 hours**

**Access Time: 90 days**

**Credits: 0.3 CEUs**

## II. Testimonials

The following testimonials are provided by learners that have completed courses in the Emerging Technologies suite.

### **A Manager's Guide to Robotics**

*"Nice basic overview of robotics for a manager. Thank you."*