

Emerging Technologies: Cutting-Edge Applications

Course Number: 3801

Length: 1 Day

Primary Delivery Method: Instructor-led online (synchronous)

Alternative Delivery Methods: Instructor-led live classroom

Course Description

Gain an understanding of four transformational technologies: robotic process automation, intelligent document processing, blockchain, and extended reality. These technologies transform manual computer tasks; business transaction processing; training, education, and entertainment; and conversion of information in paper and other media into structured, usable data. We will cover what each technology is, how it works, and the applicable government policies and initiatives.

Intended Audience

There is no prerequisite for technical knowledge about the technologies or use cases. The course is intended for government leaders and staff who have roles requiring understanding of emerging technologies, who acquire technology, or who manage functions to which any or all of the three technologies can potentially be applied in the near or longer term.

Client-Provided Facility Requirements

- Internet required for instructor computer
- Break-out rooms

Course Learning Objectives

- Explain how emerging technologies have changed the business and government landscape
- Describe Robotic Process Automation and identify opportunities for when it can be used
- Describe Intelligent Document Processing and determine when it can be a viable solution to a given problem
- Explain how Blockchain works and discuss examples for how it can be used effectively
- Describe Extended Reality and its variants and determine when each technology may be appropriate to use
- Discuss government policies and other resources that shape how emerging technologies are used in the federal government

Course Additional Features

- Producer Support
- Technical Support Team
- Dedicated In-House Accessibility/Section 508 Compliance
- Student Resource Guides

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All details about the Additional Features are available on this page. [Click here to Explore](#)

Course Schedule

DAY ONE	
MORNING	Lesson 1: Evolution of Emerging Technologies
	Lesson 2: Robotic Process Automation (RPA)
	Lesson 3: Intelligent Document Processing (IDP)
LUNCH	
AFTERNOON	Lesson 4: Blockchain
	Lesson 5: Extended Reality (XR)
	Lesson 6: Emerging Technologies—Next Steps
	Course Evaluation

Learning Methods

Individual and small-group exercises; video, lecture, discussion, action planning

Credits

National Association of State Boards of Accountancy (NASBA)

- Field of Study: Information Technology
- Level: Basic
- CPEs: 8

Professional Development Units (PDUs)

- Credits: 7

Continuous Learning Points (CLPs)

- Credits: 8

Management Concepts Certificate Program Relationship

Emerging Technologies: Cutting-Edge Applications

This is an elective course in the following program(s):

- [Business Analysis and Requirements Management Master Track](#)
- [Agile in Government Master Track](#)
- [Project Management Master Track](#)
- [Program Management Certificate Program](#)

Prerequisites

There are no prerequisites for this course.

Pework

There is no prework required for this course.

Requirements for Successful Completion

Full (100%) attendance is expected and required. Successful completion of the course depends on full class attendance and active participation in individual and group exercises.

Follow-On Resources

- [Emerging Technologies - Robotic Process Automation, RPA](#)
- [Information Technology \(IT\) Acquisition](#)
- [Leveraging Artificial Intelligence for Federal Decision-Making](#)

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Ready to Enroll?



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<https://www.managementconcepts.com/course/id/3801>



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