

# Certificate in Introduction to Digital Technologies



Welcome to

# Certificate in Introduction to Digital Technologies

Earn 10 PD Hours

As CPAs adopt digital technologies, it is imperative for them to have the competencies to help their organizations plan and execute their digital transformation. This certificate aims to help CPAs in leadership roles to perform the much-needed digital controllership function to protect their organizations and clients. CPAs have transferable skillsets that can allow them to play new, value-added roles as organizations increase their dependence on digital technologies and AI for decision-making.

## Topics Include:

- ▶ Blockchain
- ▶ Robotic Process Automation (RPA)
- ▶ Data Analytics
- ▶ Cloud Computing
- ▶ Internet of Things (IoT)
- ▶ Coding

**Delivery Methods:**

On Demand Learning



# Key Takeaways

**By the end of this course, participants will be able to:**

- Articulate the capabilities of emerging technologies like Blockchain, RPA, Data Analytics, Cloud Computing and Internet of Things.

## Who Will Benefit

CPAs working in business, finance and audit services who are interested in providing value-added services in support of digital transformation and digital governance-related services. CPAs in these roles have the opportunity to pivot away from the risks of automation by actively upskilling in the areas of digital technologies and digital governance.

Examples of professionals who would benefit from this course include:

- CFOs
- VP, Finance
- Senior VP, Finance and Accounting
- Finance Directors
- Portfolio Managers
- Controllers

## Earn a Digital Badge

Our new collection of digital badges can be earned through the completion of any of our certificate programs offered in our professional development catalogue. Collect these digital badges to add to your website, social profiles, email signature and more. These badges are an easy way to visually communicate your skills and accomplishments to your peers and network. Digital badges will be awarded based on course completion requirements.

# Certificate Outline

## Module 1

### Blockchain

- Introduction to Blockchain
- Advantages and Disadvantages
- New Trust Concepts
- Leading Blockchain Platforms
- How to Build Your Own Blockchain

## Module 2

### Robotic Process Automation (RPA)

- Introduction to RPA
- Challenges of RPA

## Module 3

### Data Analytics

- Data Analytics Best Practices
- ChatGPT Data Analyst

## Module 4

### Cloud Computing

- Forecasting AI Tools
- Personal Finance AI Tools
- Practice Management AI Tools
- Tax Services AI Tools
- Small Business Accounting AI Tools

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## Module 5

### Internet of Things (IOT)

- What is the IOT?
- Types of IOT Sensors
- IOT Impact on Business
- IOT Impact on Accounting
- Challenges and Risks

## Module 6

### Coding

- Create a Custom ChatGPT Without Coding
  - ChatGPT Builder Tips
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#### ABOUT YOUR INSTRUCTOR

### Michel Girard

**Michel Girard** is a senior fellow at CIGI, where he contributes expertise in the area of standards for big data and artificial intelligence (AI). His research strives to drive dialogue on what standards are, why they matter in these emerging sectors of the economy, and how to incorporate them into regulatory and procurement frameworks. He highlights issues that should be examined in the design of new technical standards governing big data and AI in order to spur innovation while also respecting privacy, security and ethical considerations.



ABOUT YOUR INSTRUCTOR

## **Garrett Wasny**

**Garrett Wasny**, MA, CMC, CITP/FITP, is an award-winning Internet analyst, professional development technologist and former Price Waterhouse management consultant. He's authored three books, published 100+ articles and delivered more than 1,000 seminars and webinars on Internet search to accounting organizations worldwide. Full disclosure: Garrett is an independent practitioner who provides objective information and is not affiliated with any vendor.

## Have Questions? Speak to an Advisor.

To speak to one of our advisors, please fill out this [form](#).