

**BE
FUTURE
READY**



**Data Analytics, Innovation and Technology
Seminars 2021/22**

New learning options are continuously being added to CPA Alberta's Professional Development program. Visit the [PD Portal](#) regularly for the most current information and updates.

Last updated: January 7, 2022

Emerging Technology

Emerging Technologies - 2020 and Beyond

Web Based – On-demand

How can you keep from being blind-sided by a technology like blockchain or predictive analytics? This seminar will provide a road map on emerging technologies and choices you can implement now.

Register today:

[On-demand](#)

Blockchain: A Transformative Technology

Web Based – On-demand

Blockchain has the potential to be a significant disruptor in terms of how business transactions are initiated, authorized and recorded. But what is blockchain, how does it work and why should we care?

Register today:

[On-demand](#)

Google Business Tools for Accountants

Web Based – On-demand

Discover easy-to-use (and mostly free) apps that can help you with cloud computing, blog writing, website analysis, consumer surveys, online promotion, location intelligence, on-the-go computing, email backups, multi-office collaboration, digital commerce, photo sharing, online help networks, corporate social responsibility and more.

Register today:

[On-demand](#)

Artificial Intelligence and the CPA Profession

Web Based – On-demand

Understand what the difference is between our perceptions of AI versus the reality and explore how AI is being used and the implications of AI for the future of our profession.

Register today:

[On-demand](#)

Blockchain and Other Emerging Technologies

Web Based – On-demand

The next big wave of disruptive technology is already pulling into the station. Each emerging technology, blockchain, artificial intelligence, and machine learning along with why it's important and how it works will be explained in this session.

Register today:

[On-demand](#)

How Machines are Coming Alive and Ruling the World: The Internet of Things for Accountants

Web Based – On-demand

Discover how new Internet of Things (IoT) apps and devices are being used to increase operational efficiency, develop post-transaction relationships, and create new revenue streams in enterprises worldwide.

Register today:

[On-demand](#)

Small Business Cloud Accounting Shootout

Web Based – On-demand

Cloud-based accounting solutions are taking the market by storm. With so many choices available today, it can be difficult to know which one is best for you and your clients. Learn about many of the leading cloud-based solutions currently available, including QuickBooks Online, Sage Business Cloud Accounting, Xero, and Accounting Suite.

Register today:

[On-demand](#)

Mixed Reality for Accountants

Web Based – On-demand

Mixed reality is a broad constellation of immersive experience technologies that merge real and virtual worlds to produce new environments and visualizations. Discover how organizations ranging are using these applications to boost collaboration, amplify remote

Register today:

[On-demand](#)

workflows, enhance audit efficiency, deliver remote support, train and educate, design new products, improve customer service, and more.

Machine Learning 101

Web Based – On-demand

The reality is that society is interacting frequently and, in many cases, unknowingly with a specific branch of artificial intelligence called machine learning. This seminar will help you understand what machine learning is, how we interact with machine learning, and machine learning implications for the CPA profession.

Register today:
[On-demand](#)

Applied Machine Learning Algorithms

Web Based – On-demand

The world of finance is changing and now is the time to invest. The skillsets of investment bankers, asset managers, sales and trading professionals are all rapidly evolving. Developing a skillset in machine learning is essential if you want to progress.

Register today:
[On-demand](#)

Machine Learning for Finance – Python Fundamentals

Web Based – On-demand

The world of finance is changing and now is the time to invest. The skillsets of investment bankers, asset managers, sales and trading professionals are all rapidly evolving and developing a skillset in Python is essential if you want to progress.

Register today:
[On-demand](#)

Robotic Process Automation (RPA) for Accountants

Web Based – On-demand

This seminar provides a concise overview of robotic process automation (RPA) -- technologies that conduct high-volume, repeatable tasks that previously required humans to perform.

These "bots" can automatically log into applications, enter data, do calculations, complete tasks, make decisions based on predefined parameters, and log out.

Register today:
[On-demand](#)

Tech update – A 2020 Vision

Web Based – On-demand

You know where technology has been, but where is it headed? What technologies are coming that would be useful to you and to your company? You've heard about 5G, WiFi6, and collaboration, but what products work to make this practical? This seminar has the breadth, depth, and recommendations to help you understand what is in the market and what is working so that you can make informed decisions. Attend this seminar to learn how using the right hardware and software can improve your business and your everyday life.

Register today:
[On-demand](#)

Bringing AI to Accounting

Web Based – Live

The term AI (artificial intelligence) seems to be part of every product or service description today. This seminar will define AI and its impact on accounting and workflow in today's modern office. Throughout the seminar, you will learn what tools are available today to dramatically improve workflow, efficiency, and accuracy by bringing AI to your accounting systems.

Register today:
[March 2, 2022](#)

Leadership and Innovation

Leading Digital Transformation

Web Based – On-demand

Uncover critical knowledge and skills needed to become an effective digital leader who can thrive in a leadership role in this new and challenging environment.

Register today:

[On-demand](#)

How Technology Impacts the Accounting Profession

Web Based – On-demand

Discover how accountants—once largely enterprise passengers and navigators—are elevating their role and taking on more strategic advisory roles. Walk away with a simple yet effective game-plan to keep up with exploding digital transformation and translate technology ambitions into practical reality.

Register today:

[On-demand](#)

Transforming Your CPA Firm

Web Based – On-demand

Are you ready to navigate the new generation software? This seminar will provide separate road maps outlining small and larger firm choices in technology.

Register today:

[On-demand](#)

Workflow and Automation

Understanding Workflow and Automation Essentials

Web Based – On-demand

Proper workflow optimizes a business for profitability. Once your workflow is optimized you can automate it with a variety of software tools. In this seminar, you will learn how to setup workflow processes properly.

Register today:

[On-demand](#)

Robotic Process Automation (RPA) for Accountants

Web Based – On-demand

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Register today:

[On-demand](#)

Improving Productivity with Office 365 Cloud Applications

Web Based – On-demand

Many Office 365 subscriptions include powerful cloud services for improving productivity. Foundational services, such as SharePoint, OneDrive, and Outlook, are joined by other powerful tools such as Teams, Planner, Power Automation, Forms, and Power Apps to provide a productivity platform second to none. Don't miss this opportunity to get all the knowledge and guidance necessary to take full advantage of your investment in Microsoft Office 365.

Register today:

[On-demand](#)

Data Governance and Ethics

Ethical and Audit Considerations of Cryptocurrency

Web Based – On-demand

Cryptocurrencies, such as Bitcoin and Ethereum, are just two of thousands of emerging solutions to create frictionless global transactions. Unveil the audit and ethical considerations in the newly emerging sector.

Register today:

[On-demand](#)

Technoethics

Web Based – On-demand

Register today:

Learn about the emerging field of technoethics and what you can do to promote ethical behavior in your organization, particularly as it relates to technology. Explore notable technoethics lapses that have occurred, the fallout resulting from them, and how they could have been prevented.

[On-demand](#)

Professional Ethics and Transformative Technology

Web Based – On-demand

The transformative technologies of Big Data, AI and Blockchain, are starting to affect our day-to-day lives. This webinar will introduce these transformative technologies and examine their ethical implications.

Register today:

[On-demand](#)

Ethics and Technology

Web Based – Live

Practical technology issues such as data privacy and security no doubt carry ethical considerations, but technology also affects the ethics associated with issues such as work-life balance, the digital divide, training needs, copyrights, and fraud. In this seminar, you will learn about “technoethics” and the implications this has on individuals and organizations.

Register today:

[March 3](#)

[May 11](#)

Ethical Leadership in an Age of AI

Web Based – Live

This seminar will highlight recent advancements in AI, and explore how it can be expected to change leadership roles. In particular, it will evaluate the ethical implications when facing challenging AI-related decisions, by framing these decisions in the context of the requirements of the CPA Rules of Professional Conduct.

Register today:

[February 16](#)

Power BI

Power BI Fundamentals

Web Based – On-demand

Explore the powerful dashboard tool, and you’ll learn how to tell meaningful stories with data. We will work with large and complex data-sets and teach you how to manipulate, organize and dashboard that data.

Register today:

[On-demand](#)

Power BI Advanced Reporting

Web Based – On-demand

Learn how to take advantage of some of Power BI’s advanced features, including managing data relationships, creating KPIs, adding goal-oriented graphics, filtering with Slicers, and using new AI features in Power BI.

Register today:

[On-demand](#)

Advanced Topics in Power BI

Web Based – On-demand

Extend your Power BI environment by incorporating tools such as Data Analysis Expressions, KPIs, hierarchies, and apps and content packs, among others.

Register today:

[On-demand](#)

Case Study – Financial Statements in Power BI

Web Based – On-demand

Welcome to the most comprehensive Financial Statements in Power BI walkthrough ever. There is no better way to kick-start a career in data analysis, quantitative analysis, business intelligence, or other areas of finance with applied, practical knowledge of Power BI and related BI tools.

Register today:

[On-demand](#)

Business Intelligence – Featuring Microsoft’s Power BI

Web Based – Live

Learn about Business Intelligence (BI) and how organizations of all sizes are seeking to take advantage of the data that is available to them to identify previously undiscovered insights and gain competitive advantages thought to be out-of-reach just a few short years ago.

Register today:

[June 14-15](#)

[March 14-15](#)

Excel and Data Analysis

Bringing Artificial Intelligence to Your Excel Workbooks

Web Based – On-demand

Excel’s leading-edge features include ideas, new data types, the ability to insert data from a picture, and dynamic arrays. Save time and improve accuracy. Discover how you can bring artificial intelligence to your Excel workbooks.

Register today:

[On-demand](#)

Data Analysis with Power Pivot

Web Based – On-demand

With Power Pivot, your PivotTable reports can become even more powerful than you might have thought possible. Connect directly too many common external data sources to link data directly into your reports.

Register today:

[On-demand](#)

Next Generation Excel Reporting

Web Based – On-demand

New and improved features in Excel tools such as Power Query and Power Pivot means that yesterday’s techniques for generating reports in Excel are obsolete. Learn the best practices for preparing and automating your Excel-based reports.

Register today:

[On-demand](#)

Google Analytics for Accountants

Web Based – On-demand

Discover how to analyze data quickly and encourage collaboration with an easy-to-use interface and shareable reports. You will walk away with a fundamental understanding of the platform, and how it can be used to uncover powerful insights on your business and accounting operations that may have been previously unknown.

Register today:

[On-demand](#)

Introduction to Audit Data Analytics

Web Based – On-demand

We will examine how auditors traditionally see and use data analytics, including summary statistics such as averages, means, and standard deviation. However, data analytics are much more than summary statistics. The goal of this seminar is to help auditors move into a data analytics mindset.

Register today:

[On-demand](#)

Excel Financial Modeling Best Practices

Web Based – On-demand

Excel remains the tool of choice for many accounting and financial professionals when building financial models, including forecasted financial statements and budgets. By participating in this seminar, you will learn many amazing techniques that will not only help you to save valuable time when building Excel-based models but will also improve the quality of your results.

Register today:

[On-demand](#)

Advanced Excel Data Magic – Managing, Analyzing, and Reporting

Web Based – Live

Learn how to advance your reporting processes and minimize your dependence on formulas by learning about the importance of creating Data Models to facilitate your financial reporting processes, and how you can use Power Pivot to assist in summarizing your data quickly and easily into compelling and interactive statements.

Register today:

[March 21-22](#)

[June 7-8](#)

Excel Financial Reporting and Analysis

Web Based – Live

Like most powerful tools, Excel contains features and functions useful for reporting and analysis that are not immediately obvious to many users. In this seminar, you will uncover many of these hidden features to help you prepare computationally accurate and aesthetically pleasing reports in far less time than you might imagine possible.

Register today:
[July 13-14](#)

Powerful Financial Analysis

Web Based – Live

Does part of your role or the role of those you supervise involve financial analysis? In today's fast-paced corporate world, financial analysis can mean many things. This full-day seminar will cover the key facets of a financial analyst's role within an accounting department and help analysts further their career by providing meaningful information to those around them.

Register today:
[June 23-24](#)

Conferences

The Innovation, Technology, and Accounting Conference

Virtual Conference

In an era of accelerated technological advancements, CPAs are well positioned to take the lead as a trusted advisor within their organizations and drive business decisions. The Innovation, Technology, and Accounting Conference is designed to explore new technologies within the accounting and finance world.

Save The Date:
[February 15, 2022](#)

Executive Programs

Controller's Operational Skills Program

Executive Program

The Controller's Operational Skills Program is designed to enhance your role on the management team by sharpening your skills in risk management and controls, ethical leadership, planning, budgeting, and forecasting, performance measurement approaches and financial reporting.

Register today:
[May 15,16,17 and 18](#)

Controller Management Program

Executive Program

As a Controller, you not only provide financial expertise in your organization, but you also provide leadership as a key member of the management team. The Controller's Management Program is designed to provide you with the theory, best practices, tools and skills to further sharpen your leadership and management skills.

Register today:
[October 17,18,24, and 25](#)

Peer-to-Peer Forums

Peer-to-Peer Forums support Alberta CPAs in sharing their applied experiences with each other and provides an avenue for building professional networks. By engaging in informal and social learning, in addition to formal education, is the best way to see results and gain immediate feedback. Attend an upcoming Innovation and Technology Forum, the theme for 2022 is Automation.

Automation- Knowing When to Get Started

Web Based – Live

Led by: Darren Liviniuk CPA, CA, PMP and Daina Semotiuk CPA

Register today:
[March 1](#)

Future-proofing what automation cannot replace - the human advantage

Web Based – Live

Led by: Janice Kobelsky FCPA, FCMA

Register today:
[April 14](#)

Smart Auditing Using Machine Learning

Web Based – Live

Led by: Cody Austin CPA, CMA and Adam Danyleyko

Register today:

[April 26](#)

Holistic Approach to Automation

Web Based – Live

Led by: Darryl Delwo CPA, CMA

Register today:

[June 28](#)

The ROI of Automation

Web Based – Live

Led by: Obed Maurice CPA, CA

Register today:

[September 13](#)

Automation Beyond RPA

Web Based – Live

Led by: Nav Shergill CPA, CMA and Jeff LaFren

Register today:

[December 13](#)

Full seminar descriptions can be found using the registration links listed with each offering or visit the PD Portal at pd.cpaalberta.ca. Questions? Please contact us at pdregistration@cpaalberta.ca.

Have you experienced a really great instructor or are interested in instructing with CPA Alberta yourself? Please let us know at pdregistration@cpaalberta.ca.