Professional Development Service Description

Advantages of working with us

We offer:

- Over 100 years of experience teaching and developing professional and corporate courses.
- Experience with teaching at the vocational, college, and university levels, including post-graduate degrees such as MBA, Master's, and Ph.D.
- A successful track record of training from the boardroom to the factory floor.
- Industry partnerships and licenses to teach in specific areas such as safety, security, quality, and project management.
- Experience with various maturity and taxonomy models.
- Experience with program and curriculum development.
- Experience with certification and accreditation, including audit and appraisal.

Professional development delivery capability

We can deliver professional development for CPA Alberta that:

- Is delivered nationally, in person or virtually.
- Is educational, practical, and offers excellent value for money.
- Aligns with the CPA Competency Map 2.0 which supports the CPA Professional Program.
- Meets the needs of new and experienced CPAs at various levels.
- Generates recurring revenue for CPA Alberta.

Example webinar topics

Below is a representative list of webinar topics available from PDE.

Artificial Intelligence/Machine Learning ("AI/ML")

- AI Risk Management Framework
- Will your boss accept your AI/ML-derived recommendations?
- AI Topics for Your Management and Board of Directors
- Overview of Potential AI/ML Applications
- 9 Ways You Can Use AI to Enhance Digital Transformation

- Where AI can accelerate digital transformation
- Making smarter choices about AI solutions
- How to reduce AI model hallucinations
- Digital twins are evolving thanks to the advancements in AI. Is your company ready?
- Managing AI risks in digital transformation
- Why You Need a Generative AI Policy
- How to Use ChatGPT in Your Digital Transformation
- Bridging the gaping chasm between data science and information systems

Data Analytics

- Data is Worth a Thousand Pictures: Visualizing Digital Transformation
- Data Analytics for Information Technology Professionals
- Data Visualization Errors and Bloopers
- A quick primer on graph databases
- Predictive Analytics
- Creating Powerful Data Visualizations
- Achieving Value from Visual Analytics
- Taming Big Data with Visual Analytics

Digital Transformation

- A Quick Primer on Digital Twins
- Successful Digital Transformation Needs an Executive Sponsor
- Disasters to avoid on the digital transformation road
- How to build a digital transformation roadmap
- How digital transformation raises productivity
- Systems thinking techniques to advance your digital transformation
- 12 Indicators of Digital Transformation Project Trouble
- Here's why your digital transformation project is struggling
- These generative AI apps can rescue your digital transformation
- The Many, Many Benefits of Digital Transformation
- Project deliverables that drive digital transformation success
- Digital transformation requires a collaborative culture
- 5 IT Issues Holding Back Your Digital Transformation
- How graph databases are a valuable tool to advance digital transformation
- Use Data Historian Software to Illuminate Your IIoT Data
- 12 Proven Metrics to Measure Your Digital Transformation
- 5 Technologies to Quickly Kickstart Digital Transformation
- Digital transformation best practices
- Digital Transformation Obstacles

- Digital Transformation Technologies
- Digital Transformation Applications
- Digital Transformation Systems and Data Issues
- Digital Transformation Benefits

Information Technology Project Management

- IT Project Management Overview
- Want to be a More Effective Project Sponsor?
- Managing e-Business Projects
- How Cartoonists Explain Project Management
- How to Train Your Project Sponsor
- It's 10 a.m.! Do you know where your IT projects are?
- A Tale of Two Projects
- IT Must Deliver Value!
- Update on Project Management Tools

Information Technology Project Sponsorship

- Is Your Project Sponsor Counterproductive? – How Astute Project Managers Turn Difficult Situations Around
- How Project Sponsors Help Project Managers
- Is your project sponsor dropping the ball?
- 8 project sponsor sins that can tank your digital transformation (and how to fix them)
- Is Your Project Sponsor Making You Angry?
- Does Your Project Sponsor Need Help?

Cybersecurity

- Top 10 Cybersecurity Tips for Digital Transformation
- Adding Resilience to Cybersecurity Defences
- Why Are There Still Cybersecurity Incidents?

Information Technology

- How to Handle Human Resistance to Digital Change
- IT Trends To Watch
- How to speak to executives and win support for your IT projects
- Technology advances trigger business transformation
- A quick primer on graph databases
- Is Shadow-Boxing with Shadow IT Undermining Your Performance?
- Maximizing Business Benefits from Software Packages
- IT for Business Results

- Introduction to Information Systems

Data Management

- All the Ways Bad Data is Holding You Back
- What is a data steward? Your guide to the secret weapon of digital transformation
- Dilbert talks to Execs about the Value of Data Management
- Best Practices for Selecting and Implementing Decision-Support Solutions
- Understanding Data: What do these numbers mean?
- Positioning Master Data Management for Success
- A Brief History of Electronic Content Management
- Achieving Superior Application Performance amidst Skyrocketing Data Volumes
- Improving Location Accuracy
- Business Process Improvement

Instructor summary profiles

We have a network of trusted and experienced professional associates whom we can engage.

Tim Chan

With over 20 years of professional experience, Tim is a Chartered Professional Accountant and a Certified Internal Auditor. Having spent his career in oil and natural gas, electrical power, utilities, and the nonprofit sector. While leveraging an MBA in Strategic Financial Management, Tim has led teams of accountants and auditors in ensuring enterprise financial and risk controls.

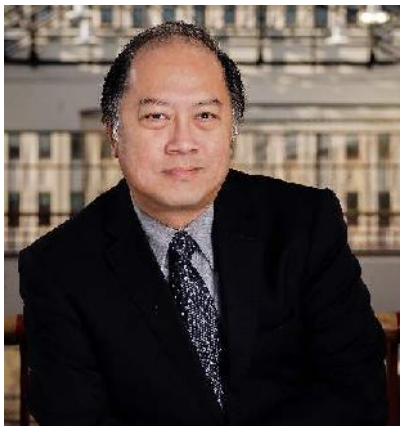
Tim founded WAI Professional Corporation, where he serves as a fractional CFO, providing executive advisory and financial control support to his clients. He is also the co-founder of Untapped Energy Association, a federally registered nonprofit organization that upskills professionals in data, analytics, and artificial intelligence literacy.

Tim is an adjunct professor at the University of Calgary's Haskayne School of Business and an assistant professor at Mount Royal University's Bissett School of Business. He teaches undergraduate and post-graduate students in business technology management, accounting and digital transformation.

Subject Area Expertise:

- Finance, Planning and Data Analysis
- Accounting Information Systems
- Regulatory (CRA) Compliance
- Risk Management and Internal Controls
- Fraud Detection and Risk Management
- Product Management and Digital Transformation

Vincent Chiew



Dr. Chiew has over 35 years of diverse global industry experience and ~ 40 years in academia. He is frequently sought out for corporate and professional development training because of his ability to bridge theory and practice. His experience includes facilitating interactions among scientists, from Ph.D. researchers to industry researchers, and among frontline staff and executives.

Dr. Chiew's formal education consists of a Ph.D. in Electrical and Computer Engineering with a Software Engineering specialization, an M.Sc. in Computer Science with a Software Engineering Specialization, a B.Sc. in Computer Science, and a B.Sc. in Electrical Engineering with a Computer Engineering Minor.

Dr. Chiew is a licensed and registered professional in engineering (P.Eng, FEC, SMIEEE), information technology and systems (ISP, ITCP, MACM), project management (PMP), quality (P.Eng.), safety (P.Eng.), and security (P.Eng, CISSP, CSSLP).

Dr. Chiew has served as professor, instructor, facilitator, reviewer, research and industry partner, researcher, curriculum developer, pedagogy expert advisor, professional curriculum reviewer and accreditor, and examiner. He is certified as a pedagogy and andragogy instructor by the University of Calgary, Mount Royal University, Southern Alberta Institute of Technology, and Robertson College.

Dr. Chiew has contributed to global standards, body of knowledge, journals, conferences, book chapters, and both legislative and regulatory practices. He is certified as an official expert advisor by the Engineering Professional Association (APEGA), IT professional association (CIPS), Project Management Institute (PMI), Canadian Standards Association (CSA), Standard Council of Canada, Cyber Security (ISC2), operational security (ISA), Emerging Engineering Disciplines (E4P), and the University of Calgary.

Dr. Chiew held security clearances from both Canada and the United States of America's secret agencies. He has worked on sensitive projects and taught sensitive topics to enterprises, industries, and militaries.

To ensure his knowledge is relevant and up to date, he also consults in business transformation, business maturity capability, project management, IT, engineering, safety, security, quality, and advanced technology (e.g. artificial intelligence, machine learning, global system, data analytics and management, safety and security controls)

Dr. Chiew has worked in all 10 Canadian critical sectors (Energy and Utilities, Finance, Food, Government, Health, Information Communication Technology, Manufacturing, Safety, and Transportation).

Yogi Schulz

Mr. Schulz has over 40 years of experience in Information Technology across various industries. He works extensively in the oil and natural gas industry, selecting and implementing geotechnical, field operations systems, including measurement, production revenue accounting, and land & contracts systems.

Mr. Schulz has developed and taught courses in Information Technology for The University of Calgary, Chartered Professional Accountants, ProjectWorld, PPDM Association and the National Association of Realtors. Yogi has also developed and taught various courses offered by Corvelle Consulting.

He consults and manages projects arising from changes in business requirements, technology opportunities, and mergers. His specialties include IT strategy, data analytics, and system implementation project management.

Mr. Schulz writes regular columns for Engineering.com, EnergyNow.ca, ITWorldCanada.com, and PM World Journal. He has written for the Calgary Herald, Computing Canada, and Microsoft.com. His writing focuses on project management and information technology developments of interest to management. He speaks often to industry groups. Mr. Schulz served on the Board of Directors of the PPDM Association from 1994 to 2014.

Mr. Schulz recently co-authored the book A Project Sponsor's Warp-Speed Guide with his daughter, Jocelyn Schulz Lapointe.

Mr. Schulz holds a B.Comm. from The University of Calgary and an Information Systems Professional Certification (ISP) from Canada's Association of Information Technology Professionals (CIPS).

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
1	Engineering	Information Technology	Leadership	Business computer engineering systems.	Learners will learn about the basics of "engineered" computer systems. These systems are not your basic IT systems, as they are essential to business and are still under the ownership of the executive management. They will learn how engineered computer systems help achieve business objectives throughout an organization, from the field and factory floor all the way up to the office and executive board. We will aslo discuss the legal aspect of computer engineered systems. Updated topic on AI implication will also be discussed.	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
2	Engineering	Information Technology	Leadership	Business software engineering systems.	Learners will learn about the basics of "engineered" software systems. These systems are not your basic IT systems. They will learn about how these engineered software systems may impact human safety and societal security. We will also discuss the legal aspect of software engineering and how it may be different from programming and AI usage.	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
3	Engineering	Information Technology	Leadership	Cybersecurity	Learners will learn about the basics of "engineered" software systems. These systems are not your basic IT systems. They will learn about cybersecurity and the systems that may impact human safety and societal security. We will also discuss the legal aspect of software engineering and how it may be different from programming and AI usage.	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
4	Engineering	Information Technology	Leadership	System	Learners will learn about the basics of "engineered" software systems. These systems are not your basic IT systems. They will learn about the various systems that may impact human safety and societal security. We will also discuss the legal aspect of software engineering and how it may be different from programming and AI usage.	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
5	Engineering	Information Technology	Sector	Critical infrastructure Industrial Control Systems	Learners will learn about the roles and business objectives of industrial control systems across the various critical infrastructure sectors. You will learned industrial control systems fits vertically in the some of these business sectors. For example up-stream, mid-stream, and down-stream of an energy sector.	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
6	Engineering	Cybersecurity	Leadership	Critical infrastructure protection and cybersecurity	Learners will learn about how Canadian critical infrastructure protection and cybersecurity is essential to public safety and societal security. We will cover the high level impact and business role in general in all 10 Canadian critical infrastructure sectors.	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
7	Engineering	Regulation	Education	Engineering education	We will learn about the general legislative framework for engineering education and teaching in the province of Alberta. Since many legislated professions, such as accounting, law, agrologist, doctor, and others, we will cover some aspects of how the different legal professions may have cross-benefits and possible conflicts with the body of knowledge and practice domains.	Law and legal forms of business	Ethical Decision-making and organizational governance/data governance
8	Business Technology	Business Intelligence	Leadership	Business intelligence lifecycle · Business Intelligence	Learners will learn about the evolution of business automation to smart business, to business intelligence. As part of this presentation, we will also learn other aspects of business analysis, business transformation, and business maturity. All of these will eventually lead to business value and benefits.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
9	Business Technology	Business Intelligence	Leadership	Business intelligence lifecycle · Business Analysis	Learners will learn about the evolution of business automation to smart business, to business intelligence. As part of this presentation, we will also learn other aspects of business analysis, business transformation, and business maturity. All of these will eventually lead to business value and benefits.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
10	Business Technology	Business Intelligence	Leadership	Business intelligence lifecycle · Business Transformation	Learners will learn about the evolution of business automation to smart business, to business intelligence. As part of this presentation, we will also learn other aspects of business analysis, business transformation, and business maturity. All of these will eventually lead to business value and benefits.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
11	Business Technology	Business Intelligence	Leadership	Business intelligence lifecycle · Business Digitization	Learners will learn about the evolution of business automation to smart business, to business intelligence. As part of this presentation, we will also learn other aspects of business analysis, business transformation, and business maturity. All of these will eventually lead to business value and benefits.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
12	Business Technology	Business Intelligence	Leadership	Business intelligence lifecycle · Business Process Improvement	Learners will learn about the evolution of business automation to smart business, to business intelligence. As part of this presentation, we will also learn other aspects of business analysis, business transformation, and business maturity. All of these will eventually lead to business value and benefits.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
13	Business Technology	Business Intelligence	Leadership	Business process capability and maturity management	Learners will learn the various business process appraisal methods and the various maturity models. We will also learn that the overhead and benefits of proper implementation and management can improve business process efficiency and the effectiveness of business outcomes.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
14	Business Technology	Business Intelligence	Leadership	Basic business information and cyber security	We will learn about the basics of business organization and how threat actors will take advantage of this knowledge to decrease the business security posture and compromise its business value and benefits. You will also learn the various security vectors and security surfaces. Essentially what they will use to attack and where they will attack.	Ethical Decision-making and organizational governance/data governance	Strategy, risk managment and innovation
15	Business Technology	Business Intelligence	Leadership	Basic business information and integration	We will learn about the basics of business organization and how threat actors will take advantage of this knowledge to decrease the business security posture and compromise its business value and benefits. You will also learn the various security vectors and security surfaces. Essentially what they will use to attack and where they will attack.	Big Data and Data Analytics	Strategy, risk managment and innovation

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
16	Business Technology	Business Intelligence	Leadership	Business enterprise and industrial technology investment and future proofing management	Businesses will learn how to future-proof business technology investments. It will be from a total-asset lifecycle cost-management perspective. We will cover the various technological systems with lifecycle ranging from 10 to 30 years up to 50 to 100 years lifecycle, including strategic technology evaluation and insertion througout its lifecycle	Big Data and Data Analytics	Strategy, risk managment and innovation
17	Business Technology	Business Intelligence	Leadership	Future proofing business technology investment - Total Asset Lifecycle Cost Management	Businesses will learn how to future-proof business technology investments. It will be from a total-asset lifecycle cost-management perspective. We will cover the various technological systems with lifecycle ranging from 10 to 30 years up to 50 to 100 years lifecycle, including strategic technology evaluation and insertion througout its lifecycle	Big Data and Data Analytics	Strategy, risk managment and innovation
18	Business Technology	Business Intelligence	Leadership	Future proofing business technology investment - Business Asset Management	Businesses will learn how to future-proof business technology investments. It will be from a total-asset lifecycle cost-management perspective. We will cover the various technological systems with lifecycle ranging from 10 to 30 years up to 50 to 100 years lifecycle, including strategic technology evaluation and insertion througout its lifecycle	Big Data and Data Analytics	Strategy, risk managment and innovation
19	Project Management	PMO	Leadership	Effective Project Management Office management	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour
20	Project Management	PMO	Leadership	PMO Capability and Maturity Enhancement	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour
21	Project Management	PMO	Leadership	Engineering project management	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
22	Project Management	PMO	Leadership	Industrial project management	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour
23	Project Management	PMO	Leadership	IT project management	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour
24	Project Management	PMO	Leadership	Security project management	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour
25	Project Management	PMO	Leadership	Effective Project Management Office management	Learners will learn the roles and types of a project management office. We will also discuss how an organization with multiple project management offices can be set up strategically to leverage one another to achieve a shorter project schedule, reduce risks, improve scope quality, enhance safety and security, and, most importantly, deliver business project success.	Strategy, risk managment and innovation	Organizational Behaviour

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
26	Project Management	PMP	Leadership	A project management professional (PMP) certification course.	This course will teach you about the project management professional body of knowledge in preparation for the project management professional exam. It is suited for any with at least 5 years of project management experience in any fields such as accounting, human resources, executives, doctors, etc.	Strategy, risk managment and innovation	Organizational Behaviour
27	Project Management	CAPM	Leadership	A certified associate in project management (CAPM) certification course.	This CAPM certification exam course if for anyone who worked in project management and are not interested in being a project manager. The objectives are for learners to learn about the concepts, methods, tools, techniques, terminologies, and other aspects of project management.	Strategy, risk managment and innovation	Organizational Behaviour
28	Project Management	PMO	Leadership	Introduction to project management.	An introduction to project management in alignment with project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour
29	Project Management	PMO	Leadership	Introduction to project fundamentals.		Strategy, risk managment and innovation	Organizational Behaviour
30	Project Management	PMO	Leadership	Introduction to project management leardership.	An introduction to project management leadership from the perspective of the project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour
31	Project Management	PMO	Leadership	Introduction to the PMO	An introduction to project management leadership from the perspective of the project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour
32	Project Management	PMO	Leadership	Introduction to Project Management Tailoring	An introduction to project management leadership from the perspective of the project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour
33	Project Management	PMO	Leadership	Introduction to Program Management Processes, Models, Methods, and Artifacts	An introduction to project management leadership from the perspective of the project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
34	Project Management	PMO	Leadership	Introduction to Project Management Performance Domains	An introduction to project management leadership from the perspective of the project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour
35	Project Management	PMO	Leadership	Introduction to Project Management Delivery and Measurment	An introduction to project management leadership from the perspective of the project management institute latest edition of its Project Management Body of Knowledge	Strategy, risk managment and innovation	Organizational Behaviour
36	Project Management	PMO	Leadership	Introduction to Agile project management	Many organizations are adopting agile project management as part of their business operations. In this presentation, you learn the characteristics of Agile and why it is so attractive and effective for business and their executives.	Strategy, risk managment and innovation	Organizational Behaviour
37	Project Management	PMO	Leadership	Project process and capability maturity management		Strategy, risk managment and innovation	Organizational Behaviour
38	Project Management	PMO	Leadership	Project management capstone		Strategy, risk managment and innovation	Organizational Behaviour
39	Project Management	PMO	Leadership	Project integration management		Strategy, risk managment and innovation	Organizational Behaviour
40	Project Management	PMO	Leadership	Project scope management		Strategy, risk managment and innovation	Organizational Behaviour
41	Project Management	PMO	Leadership	Project schedule management		Strategy, risk managment and innovation	Organizational Behaviour
42	Project Management	PMO	Leadership	Project cost management		Strategy, risk managment and innovation	Organizational Behaviour
43	Project Management	PMO	Leadership	Project quality management		Strategy, risk managment and innovation	Organizational Behaviour

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
44	Project Management	PMO	Leadership	Project communication management		Strategy, risk managment and innovation	Organizational Behaviour
45	Project Management	PMO	Leadership	Project risk management		Strategy, risk managment and innovation	Organizational Behaviour
46	Project Management	PMO	Leadership	Project resource management		Strategy, risk managment and innovation	Organizational Behaviour
47	Project Management	PMO	Leadership	Project procurement management		Strategy, risk managment and innovation	Organizational Behaviour
48	Project Management	PMO	Leadership	Project stakeholder management		Strategy, risk managment and innovation	Organizational Behaviour
49	Project Management	PMO	Leadership	Understanding PMI PMBOK – Project Management Body of Knowledge		Strategy, risk managment and innovation	Organizational Behaviour
50	Quality	Compliance	Standards	Introduction to the understanding of global international standards	This is an introduction to the world of international standards and how they shape the world we live in, practically.	Law and legal forms of business	Strategy, risk managment and innovation
51	Quality	Compliance	Standards	How to manage multiple compliances effectively: SWIFT, NERC-CIP, PCI DSS, SOX, etc.	This presentation will introduce the basics of managing multiple compliance requirements in a coherent, integrated manner. It will also cover how to marmonize them from a project management perspective to meet concurrent close deadlines and risk reduction to minimize potential penalties.	Law and legal forms of business	Strategy, risk managment and innovation

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
52	Quality	Compliance	Standards	Compliance and conformance audit, accreditation, review, etc.		Law and legal forms of business	Strategy, risk managment and innovation
53	Quality	Compliance	Standards	Process capability maturity modelling		Law and legal forms of business	Strategy, risk managment and innovation
54	Quality	Compliance	Standards	Multi standards integration		Law and legal forms of business	Strategy, risk managment and innovation
55	Quality	Compliance	Leadership	How to manage multiple compliance programs internationally.	This presentation will introduce how to manage compliance programs across multiple countries and continents, including hostile and sanctioned countries.	Law and legal forms of business	Strategy, risk managment and innovation
56	Quality	Compliance	Leadership	Business quality and governance management		Law and legal forms of business	Strategy, risk managment and innovation
57	Quality	Compliance	Leadership	Project		Law and legal forms of business	Strategy, risk managment and innovation
58	Quality	Compliance	Leadership	Security		Law and legal forms of business	Strategy, risk managment and innovation
59	Safety			Industrial Control Systems (ICS)		Strategy, risk managment and innovation	
60	Safety			Engineered Systems advisor, engineering and consulting		Strategy, risk managment and innovation	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
61	Security			Critical Infrastructure Protection and Cyber Security		Strategy, risk managment and innovation	
62	Security			ICS security		Strategy, risk managment and innovation	
63	Security			NERC-CIP		Strategy, risk managment and innovation	
64	Security			Threats Risk Assessment (TRA)		Strategy, risk managment and innovation	
65	Business Technology	Artificial Intelligence	Leadership	Introduction to artificial intelligence from a professional perspective	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Ethical Decision-making and organizational governance/data governance	Strategy, risk managment and innovation
66	Business Technology		Leadership	Business Intelligence	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance
67	Business Technology		Leadership	Cognitive Intelligence	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance
68	Business Technology		Leadership	Natural Intelligence	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance
69	Business Technology		Leadership	Machine Learning	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
70	Business Technology		Leadership	Internet of Things	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance
71	Business Technology		Leadership	Industrial Internet of Things	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance
72	Business Technology		Leadership	Intelligence Internet of Things	Learners will learn how a legal professional must understand and use artificial intelligence correctly. We will learn how to use it professionally, ethically, safely, and securely.	Strategy, risk managment and innovation	Ethical Decision-making and organizational governance/data governance
73	Business Technology		Sector	Introduction to business enterprise, industrial and military technological systems	This presentation will be on the different business, legal, and critcally perspective of technological systems across these various domains.	Management decision-making and information (data) systems/technology	
74	Business Technology	Control	Sector	C4I Engineering (Command, Control, Computers, Communication, and Intelligence)		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
75	Business Technology	Control	Sector	Advance Industrial Control Systems		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
76	Business Technology	Artificial Intelligence	Sector	Artificial intelligence introduction		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
77	Business Technology	Artificial Intelligence	Sector	Artificial intelligence for business		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
78	Business Technology	Data Analytics	Sector	Data analytics introduction		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
79	Business Technology	Data Analytics	Sector	Data analytics for business		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
80	Business Technology	Software Development	Sector	Programming (various levels and languages)		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
81	Business Technology	Quality	Sector	Quality technology for business		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
82	Business Technology	Emerging Technology	Sector	Future proofing technology investment		Ethical Decision-making and organizational governance/data governance	Management decision-making and information (data) systems/technology
83	Cybersecurity		Leadership	The International Information System Security Certification Consortium, or ISC2		Strategy, risk managment and innovation	
84	Cybersecurity		Leadership	The International Information System Security Certification Consortium, or ISC2	This is management level course in security. One can take it from a pure management perspective, or from the technical perspective of someone interested in taking it past the CISSP exam.	Strategy, risk managment and innovation	
85	Cybersecurity		Leadership	The International Information System Security Certification Consortium, or ISC2		Strategy, risk managment and innovation	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
86	Cybersecurity		Leadership	The International Information System Security Certification Consortium, or ISC2	This course will be suited for learners with little to no cybersecurity experience. Learners can earn the CC designation by writing an exam. Learners with learn these 5 cybersecurity domains: s 1 - Security principles 2 - Business Continuity (BC), Disaster Recovery (DR), Incidents Response Concepts 3 - Access Controls Concepts 4 - Network Security 5 - Security Operations	Strategy, risk managment and innovation	
87	Cybersecurity		Leadership	The Computing Technology Industry Association, more commonly known as CompTIA		Strategy, risk managment and innovation	
88	Cybersecurity		Leadership	CompTIA (Computing Technology Industry Association) IT Fundamentals	This is a basic management course in understanding the business of IT operations. One can also sit for the designation exam.	Strategy, risk managment and innovation	
89	Cybersecurity		Leadership	CompTIA Project+	This is a basic management course in understanding project management. One can also sit for the designation exam.	Strategy, risk managment and innovation	
90	Cybersecurity		Leadership	CompTIA Security+		Strategy, risk managment and innovation	
91	Cybersecurity		Leadership	CompTIA Server+		Strategy, risk managment and innovation	
92	Cybersecurity		Leadership	CompTIA A+	This is a basic course in understanding the computer system. One can also sit for the designation exam.	Strategy, risk managment and innovation	
93	Cybersecurity		Leadership	CompTIA Cloud+	This is a basic course in understanding the cloud. One can also sit for the designation exam.	Strategy, risk managment and innovation	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
94	Cybersecurity		Leadership	CompTIA CySA+		Strategy, risk managment and innovation	
95	Cybersecurity		Leadership	CompTIA Data+	This is a basic course in understanding business data. One can also sit for the designation exam.	Strategy, risk managment and innovation	
96	Cybersecurity		Leadership	CompTIA DataSys+		Strategy, risk managment and innovation	
97	Cybersecurity		Leadership	CompTIA Linux+		Strategy, risk managment and innovation	
98	Cybersecurity		Leadership	CompTIA Network+		Strategy, risk managment and innovation	
99	Cybersecurity		Leadership	CompTIA PenTest+		Strategy, risk managment and innovation	
100	Cybersecurity		Leadership	CompTIA CTT+		Strategy, risk managment and innovation	
101	Cybersecurity		Leadership	CompTIA Coud Essentials	This is a basic course in understanding the cloud essentials. One can also sit for the designation exam.	Strategy, risk managment and innovation	
102	Cybersecurity		Leadership	CompTIA CASP+		Strategy, risk managment and innovation	
103	General Security		Leadership	Introduction to security essentials		Strategy, risk managment and innovation	
104	General Security		Leadership	Information technology security		Strategy, risk managment and innovation	
105	General Security		Leadership	Cyber and cloud security		Strategy, risk managment and innovation	
106	General Security		Leadership	Critical infrastructure protection and cybersecurity		Strategy, risk managment and innovation	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
107	Business Analysis	Business Analysis (IIBA – Internation Institute of Business Analysis)	Leadership	Understanding IIBA PMBOK – Business Analysis Body of Knowledge	This course is about understanding business analysis. One can also sit for the designation exam.	Management decision-making and information (data) systems/technology	Big Data and Data Analytics
108	Business Analysis	Business Analysis (IIBA – Internation Institute of Business Analysis)	Leadership	Business stakeholders analysis		Management decision-making and information (data) systems/technology	Big Data and Data Analytics
109	Business Analysis	Business Analysis (IIBA – Internation Institute of Business Analysis)	Leadership	Business testing and validation analysis		Management decision-making and information (data) systems/technology	Big Data and Data Analytics
110	Business Analysis	Business Analysis (IIBA – Internation Institute of Business Analysis)	Leadership	Business requirements analysis		Management decision-making and information (data) systems/technology	Big Data and Data Analytics
111	Business Analysis	Business Analysis (IIBA – Internation Institute of Business Analysis)	Leadership	Business system management		Management decision-making and information (data) systems/technology	Big Data and Data Analytics

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
112	Business Technology	Artificial Intelligence	Leadership	AI Risk Management Framework	In this presentation, AI risks will be discussed. AI is still under rapid development. It is nowhere near maturity or stability. Therefore, a lot has been written about AI risks. The presentation outline is as follows: 1.Executive attitude toward AI 2.Your AI risk management expertise 3.Value of frameworks 4.AI risk frameworks	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
113	Business Technology	Artificial Intelligence	Leadership	Apple Intelligence	In this presentation, the Apple Intelligence product will be discussed. After nearly two years of sitting out the generative-artificial-intelligence frenzy, Apple responded at the company's 2024 Worldwide Developers Conference (WWDC). It's not a sexy answer or a risky one. It's so consistent with the values of a prosperous Apple. The response is the first rational theory of AI for the masses. It does what a great corporate strategy should do: identify a gaping hole in the marketplace and ensure it overlaps precisely with your strengths. Apple believes that much of the conversation around AI these past few years has been categorically insane. AI is a technology. Apple is trying to apply it in the most practical, helpful way to its products. Apple bet the franchise that most people do not want a trillion-parameter neural network because most people do not know what any of those words mean. They want AI that can shuttle between their calendar and email to make their day a little more coordinated. That's what Apple Intelligence delivers.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
114	Business Technology	Artificial Intelligence	Leadership	What can we learn from the turmoil at OpenAI?	In this presentation, Google's Gemini Problem will be discussed. Gemini image generation refused to provide historically accurate image generation. Gemini even apologized and paused AI image generation.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
115	Business Technology	Artificial Intelligence	Leadership	Google Takes Down AI Image Generator	In this presentation, the underlying issues that led to the recent turmoil at OpenAI will be discussed. These issues have broader implications for developing and adopting AI applications throughout society. The presentation outline is as follows: 5.Sam Altman firing and eventual rehiring 6.OpenAI internal tensions 7.Threats posed by AGI 8.Opportunities AGI offers 9.Conclusions 10.Recommendations	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
116	Business Technology	Artificial Intelligence	Leadership	Will your boss accept your AI/ML-derived recommendations?	In this presentation, the selling of your AI/ML-derived recommendations will be discussed. Too often, data science teams perform great project work and then crash and burn on the goal line by failing to describe their work and sell their recommendations appropriately. A list of high-level questions that senior executives will be presented, along with who are not AI/ML experts, and who will likely ask the project team the hard questions. The questions are designed to assure everyone that your AI/ML recommendations are sound. If you can successfully respond to these questions, you can sell your AI/ML-derived recommendations, and senior executives can confidently support implementation.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
117	Business Technology	Artificial Intelligence	Leadership	The gaping chasm between data science and information systems	As data science grows in importance, it encounters the IT department with increasing frequency. Observing these encounters is like watching two vastly different galaxies collide. Many loud explosions, furious disagreements, blinding thunderbolt flashes, and annoying misunderstandings exist. An approach to narrowing and perhaps eliminating the chasm for each chasm topic will be described.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
118	Business Technology	Data Analytics	Best Practices	Data Visualization Errors and Bloopers	A variety of common data visualization errors and bloopers will be shown. Then, a solution for each blooper to improve the data visualization will be offered.The presentation will illustrate these data visualization errors: 1.Cluttered vs. Minimalist chart 2.Bad design vs. Good design 3.Unclear pie chart vs. Clear bar chart 4.Confusing message vs. Strong message 5.Coincidental correlation vs. Strong causation 6.Multiple Y-axes vs. Single Y-axis 7.Errors in arithmetic vs. Accurate arithmetic 8.No Motion vs. Motion You can quickly adopt these solutions to impress the audiences you present to. Some bloopers would be pretty comical if they weren't harmful to the presenter's reputation.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
119	Business Technology	Data Analytics	Graph Database	A quick primer on graph databases	Graph databases have moved from a topic of academic study into the mainstream of information technology in the last few years. Now, IT professionals seek to understand better: 1.What business problems do graph databases address well? 2.What advantages do graph databases offer over widely implemented relational databases? 3.What issues emerge as graph databases are introduced into an existing application portfolio? A primer on graph databases will be presented to answer these questions.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
120	Business Technology	Data Analytics	Best Practices	Data Analytics for Financial Professionals	Workshop Summary: 1.Definition of reporting, data analytics, and predictive analytics. 2.Benefits of data analytics in the oil and gas industry. 3.How data analytics supports decision-making in your organization. 4.Implementation issues that data analytics projects encounter. 5.Strategies for seeking approval for data analytics projects.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
121	Business Technology	Data Analytics	Best Practices	Value of predictive analytics in fracturing design and production optimization	Predictive analytics can produce significant tangible value for geologists in exploration and production. Predictive analytics unlocks the value in the big data that oil and gas producers collect. This presentation will describe solutions for common impediments to value that producers have successfully implemented to support geologists' work.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
122	Business Technology	Data Analytics	Best Practices	Top 10 Data Visualization Bloopers	This presentation will increase understanding of how to create powerful data visualizations. We've all sat through unreadable, confusing, dull, or even misleading data presentations on charts. We'll talk about making charts more powerful to communicate our message with more impact.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
123	Business Technology	Data Analytics	Best Practices	Predictive Analytics for Oil & Gas	Predictive analytics can produce significant tangible value for oil and gas producers. The data analytics maturity model and where predictive analytics fits into this model will be described. Then, the presentation will explore how predictive analytics, in a PPDM context, adds tangible value for oil and gas producers along the well life cycle.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
124	Business Technology	Data Analytics	Best Practices	Creating Powerful Data Visualizations	This presentation will increase the understanding of how to create powerful data visualizations. We've all seen unreadable, confusing, dull, or even misleading charts. We'll talk about making charts more powerful to communicate the message in our data with more impact.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
125	Business Technology	Data Analytics	Best Practices	Achieving Value from Visual Analytics	Visual analytics can produce significant tangible value for many organizations. Visual analytics unlocks the value in the data many organizations acquire. This presentation will explore how organizations can overcome the impediments to achieving tangible value from visual analytics with best practice recommendations.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
126	Project Management	Data Analytics	Best Practices	How Project Management is Shaping the Future of Visual Analytics	Visual analytics software illuminates the business value of big data better than other business intelligence software. This presentation will show how project management is critical to replacing marketing hype and overly complicated technology with best practices that are shaping the future of visual analytics. In this presentation, marketing hype and dysfunctional project ideas will be contrasted, with best practice recommendations for the following topics: 1.Identifying visual analytics opportunities 2.Mitigating challenges faced by visual analytics projects 3.Implementing visual analytics systems for business value	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
127	Business Technology	Data Analytics	Best Practices	Taming Big Data with Visual Analytics	Big Data can be overwhelming to manage, and finding the business value buried in the data is difficult. Visual analytics software can illuminate that business value. This presentation will describe: 1.The challenges and opportunities associated with big data 2.Best practices for selecting and implementing visual analytics software	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
128	Project Management	Information Technology	Best Practices	A Project Sponsor's Warp-speed Guide	Project sponsors are often new or uncertain in the role. They may fail to recognize the value they bring, be reluctant to fulfill the position or be too quick to assign blame. This presentaiton will help over-burdened project sponsors understand their role to better position their project for success. The role of project sponsors is essential and not trivial. Projects are more successful when the project sponsor is willing and engaged. Additionally, this presentation will describe these elements of the project sponsor's role and how they contribute to project success: 1.Is accountable for project business results 2.Provides project resources 3.Champions project benefits throughout the organization 4.Provides support and guidance for the project manager 5.Supports the team at a strategic level 6.Encourages the team 7.Ensures resource commitments are fulfilled 8.Resolves issues that the project manager cannot resolve on their own 9.Monitors the team's performance 10.Needs no technical expertise or experience Project managers can apply these techniques when their project sponsor behaves like an untrained dragon in uninformed, temperamental, uninterested, or even devious ways to avoid stress and failed projects.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
129	Project Management	Information Technology	Best Practices	Improving Project Management - A Canadian Opportunity	The many large problematic projects we hear about in the media cause some to wonder what underlying issues might produce these unhappy outcomes. One of those issues is the quality of project management. This presentation will discuss how Improving project management can lead to more project success. The outline of the presentation is: 1.What is project management? 2.Value of superior project management 3.Consequences of poor project management 4.Impediments to superior project management 5.Benefits of project management tools 6.Actions to improve project management	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
130	Project Management	Information Technology	Best Practices	How Better Project Management Can Contribute to Reversing Declining Productivity	Explore if better project management can contribute to the following: •Reversing declining productivity at the national level in Canada and in the G7 nations •Avoiding low productivity at the organization and project level The outline of the presentation is: 1.What is productivity? 2.What is the productivity trend? 3.Actions to improve productivity 4.Impediments to project productivity	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
131	Project Management	Information Technology	Best Practices	How Cartoonists Explain Project Management	This presentation will contrast how the comics explain project management to the best practice project management knowledge areas described in the PMI PMBOK.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
132	Project Management	Information Technology	Leadership	How to Train Your Project Sponsor	Sometimes, project managers see their project sponsor as an untrained dragon. The project sponsor may be new or uncertain in the role, reluctant to fulfill the position, or quick to assign blame, particularly to the project manager. This presentation will describe successful techniques for strengthening the critical relationship with the project sponsor, who often holds a much higher rank within the organization. These techniques ensure that the project sponsor ceases to behave like an untrained dragon and begins to add value and strengthen the relationship with the project manager: 11.Thoroughly orienting the project sponsor about their role 12.Keeping the project sponsor actively and visibly engaged 13.Influencing project sponsor decisions 14.Respecting the project sponsor's role Project managers can apply these techniques when their project sponsor behaves like an untrained dragon in uninformed, temperamental, uninterested, or even devious ways to avoid stress and failed projects.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
133	Project Management	Information Technology	Leadership	It's 10 am! Do you know where your IT projects are?	This presentation will describe 12 signs of impending IT project doom that are visible months before catastrophe strikes. However, these signs are frequently missed or ignored. IT project failure can often be avoided if these fundamental signs are recognized and addressed. The signs relate to the fundamental characteristics of the project. They include Project Goal, Sponsor, Manager, Benefits, Plan & Status, Budget & Status, Organization, Resources, Steering Committee, Stakeholder Communication, Change Management, and Technology. For each of the 12 signs, the presentation will describe observations that will lead to project catastrophes and outcomes that will lead to project success. This presentationwill also address observations leading to project catastrophe and describe corrective actions that can turn impending doom into IT project success. If you're looking for a chance to bring that gnawing feeling of impending doom about an IT project out into the open constructively, attend this session.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
134	Business Technology	Emerging Technology	Strategy	Managing e-Business Projects: Risks, Issues & Solutions	E-business projects create additional pressures on project managers. In this workshop, learners will be able to describe effective techniques for successfully delivering e-business projects by addressing their unique characteristics. The techniques speak to the risks of e-business projects and reinforce the best practices from project management experience. The outline of the workshop is as follows: 1.Differences between client/server and e-Business projects •Differences in e-Business project characteristics •Heightened e-business project expectations •Shift in systems development methodology 2.Some issues shall remain eternally the same: •Set a clear goal •Nurture active project sponsorship •Manage expectations •Develop a sound business case 3.E-Business creates new issues: •Accelerate delivery •Create a memorable experience •Achieve high performance •Implement impenetrable security •Smooth settlement and fulfillment •Operate round-the-clock support Each workshop topic will be illustrated by: 1.Relevant examples from e-Business project experience.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
135	Project Management	Information Technology	Best Practices	A Tale of Two Projects	A case study of best practices for IT project management. Two organizations collaborate successfully to create a new software package. One organization successfully implements the software package on completion, while the other fails miserably. This presentation will compare and contrast project management and organization factors that led to dramatically different outcomes for the same software package. The presentation describes best practices for IT project management of software implementation projects. Both organizations operated in the same city and industry, used the same technology, and set out to solve the same business problem. Both organizations devoted adequate funding and experienced staff to the implementation project. Both were intimately familiar with the capabilities of the software. Nonetheless, disaster struck one organization.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
136	Project Management	Information Technology	Best Practices	Tips for Managing e-Business Projects	E-business projects bring a new set of pressures to bear on project managers. In this presentation,learners will be able to describe effective techniques for successfully delivering e- business projects. The techniques speak to the unique characteristics of e-business projects and reinforce the best practices from project management experience. The presentation will describe successful approaches to addressing these project management issues: 1.Some PM issues shall remain eternally the same: •Set a clear goal •Nurture active project sponsorship •Manage expectations 2.E-commerce creates new PM issues: •Accelerate delivery •Create a memorable experience •Implement impenetrable security •Smooth settlement and fulfillment	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
137	Project Management	Information Technology	Leadership	Dilbert Explains e-Project Management	We will examine Dilbert's outrageous project management predicaments. This presentation will describe successful approaches that real-life IT project managers can employ in similar situations. These approaches keep projects on track and build relationships with stakeholders under challenging circumstances. They communicate project achievements in ways that the organization can appreciate the successes. With Dilbert's help, the winning approaches are: 1.Managing scope when priorities seem to shift weekly. 2.Selling realistic estimates of schedule and resources that exceed the project sponsor's dreams. 3.Using technology to advantage without being seduced by the latest product. 4.Maintaining good relationships with the user community. 5.Keeping the focus on project objectives when turmoil in the business threatens to disrupt the project.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
138	Project Management	Information Technology	Best Practices	Duelling Project Managers	This presentation discusses applying engineering project management methods to IT projects. The presentation will alternately play the role of two respected project managers, both from the same planet. It will provide examples, case histories, and arguments from two different sides of this debate. In so doing, some insights into a genuine dichotomy within the IT community will be revealed. The debate will explore issues of Scope, Time, and Quality.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
139	Project Management	Information Technology	Leadership	IT Must Deliver Value!	Many organizations are making huge investments in IT. However, identifying a clear relationship between these IT investments and the achievement of business value remains elusive. Often, the strategic contribution of IT is difficult to establish or is over- sold. The presentation will first describe management's understandable but insufficient reaction to its frustration with IT investments: 1.Describe how the complexities of systems in the Internet age add to the challenge of achieving IT value. 2.Pose practical questions that illuminate the business value of IT. 3.Outline a step-by-step approach that achieves IT value for the business. 4.Describe the pivotal role the CEO - CIO relationship plays in achieving value. This presentation emphasizes management and strategy, not technology.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
140	Project Management	Information Technology	Leadership	IT Project Management	This course will examine the critical success factors for implementing an information system in the Internet Age. The course will cover IT project planning techniques and tools, including a demonstration of Microsoft Project. The course will examine common IT project obstacles, including the project sponsor's role, difficulties building IT infrastructure, and the pressure to achieve an aggressive implementation schedule. Course objectives include: 1.Learning about techniques that reduce project duration and cost. 2.Reducing the effort required to plan and manage projects. 3.Improving the accuracy of estimates. 4.Building an understanding of leadership techniques required to manage projects to successful completion. 5.Introducing Microsoft Project to produce a critical path schedule. 6.Describing the changes that the emergence of web-based software has brought to the discipline of project management. The course material will be presented through: 1.Module with overheads. 2.Class discussion. 3.Case studies. 4.Articles from trade magazines. 5.Videos. 6.Software overviews. 7.Team presentations.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
141	Project Management	Information Technology	Leadership	Internet Resources for Project Managers	This presentation will examine what the various Internet components offer the project management professional. Building on his experiences using the Internet, the presentation will describe the following resources that are easily accessible through the Internet: 1.Project management software vendor websites. 2.Project management consultants and service provider websites. 3.The project management list server. 4.The Dilbert archive to liven up status reports. The presentation aims to explore Internet resources that can help project managers achieve successful project outcomes.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
142	Project Management	Information Technology	Leadership	Update on Project Management Tools	The presentation will examine various tools that can support the work of the project management professional. The presentation will describe the following: 1.Trends in project management software functionality. 2.Observations on the Microsoft Project controversy. 3.Overview of project management simulation software. 4.Project management software selection criteria. 5.The impact of the Internet on project management tools. The presentation explores how project management tools can help project managers achieve successful project outcomes.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
143	Business Technology	Cybersecurity	Small-Medium Enterprises	Assess your SMB cybersecurity defences at warp-speed	The presentation will discuss achieving a high level of assurance over the state of cybersecurity defences at SMBs using a low-cost, low-effort process. Some of you may be skeptical, believing that low cost and a high level of assurance are incompatible goals given the scope and complexity of cybersecurity. I hope to convince you that these goals can be reconciled and that an inaccurate perception of high cost should not cause you to neglect cybersecurity defences.	Strategy, risk managment and innovation	
144	Business Technology	Emerging Technology	Sector	Demystifying Digital Transformation	The presentation will describe the value of digital transformation that has increased interest in the upstream oil & gas industry.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
145	Business Technology	Emerging Technology	Sector	A Bright Technology Future for Unconventional Resources	The presentation will describe leading technology developments that will likely provide a future economic benefit to exploring and producing unconventional resources.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
146	Business Technology	IT Operations	Shadow IT	Is Shadow-Boxing with Shadow IT Undermining your Peak Performance?	The presentation will describe how shadow IT can be the source of tremendous, game- changing innovation or expensive, distracting disruptions to smooth business operations.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
147	Business Technology	IT Operations		Virtual Collaboration for G & G Professionals	The work of G & G professionals is shifting more and more from individual effort to team collaboration. When teams are geographically distributed, they must collaborate virtually. For G & G professionals to be effective in this new virtual work environment, new technology, business processes, skills, and organization are required. The presentation will describe the new collaborative work environment and demonstrate related components. He will illustrate: 1.Examples of the latest technology include video conferencing, web-enabled remote access, and application sharing. 2.Emerging business processes focus on more clearly defined deliverables, expanded use of standards, and more formal work plans. 3.The new skills include facilitation, conferencing etiquette, computer conversancy, and G & G application expertise. 4.The new organization requires less direct supervision, expects more collaborative work, and accepts looser reporting relationships.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
148	Business Technology	IT Operations	Decision Support	IT Solutions Deliver Oil & Gas Business Value	Dealing with skeptical oil & gas executives who don't believe IT delivers value? The presentation will examine the major business trends that keep oil and gas executives awake at night and show how specific information technology solutions deliver value for each trend. Current oil & gas business trends are: 1.Asset Mix/Optimization 2.Shareholder Return 3.Oil & Natural Gas Prices 4.Exploration & Production Technology 5.Workforce Demographics 6.Globalization 7.Environment The next time you're challenged that IT doesn't deliver value, you can point to specific solutions where IT does deliver value.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
149	Business Technology	Emerging Technology	Strategy	The Future of the Web	The presentation will deliver an interactive look at how our experience with the Internet will change. How will the future of the Internet unfold? This presentation will illustrate how the Internet will deliver significant personal and business benefits in the future. This presentation will explore how key Internet features will delight us: 1.Social computing will expand to business. The use of the Internet for distributed collaboration will become commonplace. 2.Internet access will be ubiquitous. Cell phones will outnumber PCs. 3.The Web will become faster. Bandwidth will increase to support multi-media distribution at much higher speeds. 4.The Web will become smarter. The Semantic Web will finally emerge. 5.Security will improve. Abuse and crime will become more complex. 6.IT products will morph into services. The Internet will offer more applications and computing capacity.	Strategy, risk managment and innovation	
150	Business Technology	IT Operations	Sector	Dilbert Explains E-Commerce for Oil & Gas	Oil and gas exploration and production companies are under constant pressure to reduce costs and improve productivity. This presentation will describe how E-commerce and the Internet can contribute to cost and productivity improvements. The presentation will describe examples of the benefits oil and gas companies can achieve through E-commerce and the Internet: 1.The supply chain. 2.Exchange of information among partners and regulatory agencies. 3.Access to applications. 4.Delivery of oil & gas data. This presentation emphasizes management and strategy, not technology.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
151	Business Technology	IT Operations	Decision Support	IT for Business Results	Develop the knowledge and skills needed to help you effectively integrate IT into your organization's business processes. Topics include business intelligence software, e- business, delivering information systems, IT planning and economics, information architecture, management problem-solving, and decision-making.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
152	Business Technology	Information Exchange	XML	XML – The Next Generation	The adoption of EDI fell well short of expectations in many industries, including the oil and gas industry. In this breakout session, a panel of industry professionals will describe how new standards like XML, a new generation of software, and the ubiquity of the Internet are overcoming EDI shortcomings. The session will illustrate the cost and productivity benefits oil and gas companies can achieve by using new E-commerce standards and the Internet's Business-to-Business websites. This breakout session will emphasize the following: 1.Exchange of information among partners and regulatory agencies. 2.Access to administrative and geotechnical applications. 3.Delivery of public oil & gas data. 4.Shortening the supply chain. This presentation emphasizes management and strategy over technology details	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
153	Business Technology	Software Economics		Maximizing Business Benefits from Software Packages	Many organizations are not achieving many of the benefits promised by the software vendor. This presentation will describe proven approaches to maximizing benefits from existing investments in software packages	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
154	Business Technology	Information Exchange	B2B	Business 2 Business 101 – Roadmap to Self-education	This presentation will introduce the concept of Business 2 Business (B2B) e-Commerce. The presentation will describe the terminology, the software, and the expectations of organizations that embark on B2B, while discussing the following topics: 1.Importance of the Internet 2.B 2 B Major Applications 3.B 2 B Benefits for buyers and sellers 4.E-commerce reference publications	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
155	Business Technology	Intranet	Enterprise Content Management	Getting Started with Your Intranet Solution	This presentation assists business managers, who are new to Internet concepts, in helping their organizations take advantage of this information technology. The presentation outline is as follows: 1.Why Use an Intranet? 2.How Do We Get Started? 3.Conclusions 4.Recommendations 5.Demonstration	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
156	Business Technology	Intranet	Enterprise Content Management	The Top 10 Myths about Intranets	Over the last few years, we have seen an enormous increase in the Internet's visibility and usefulness. This presentation will provide the following: 1.A look at the components of the Internet. 2.A discussion of the Top 10 Myths about Intranets. 3.Ideas for getting started with Intranet projects.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
157	Business Technology	Software Development	Java	Dilbert Explains Java	Java is a language that has gained such prominence during the past two years that even Dilbert lurches toward opinions about its (in) appropriate use. Java offers benefits that greatly appeal to management, systems developers, and end-users. The presentation will first describe the evolution of Java, and then focus on the following aspects of Java: 1.Systems development benefits. 2.Business benefits. 3.Risks associated with the use of Java. 4.Recommendations for implementing Java. This presentation emphasizes management and strategy, not the technical intricacies of Java.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
158	Business Technology	Data Analytics	Operations	Dilbert talks to Execs about the Value of Data Management	With Dilbert's help, this presentation will describe data management's value in the upstream oil & gas industry. The presentation will show how Dilbert draws radically different conclusions about the benefits of data management, PPDM, and data analytics than we would draw.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
159	Business Technology	Data Analytics	Decision Support	How Visual Analytics Adds Value for PPDM Datastores	PPDM datastores can be sufficiently complex that it becomes difficult to find the business value buried there. Visual analytics software can illuminate that business value. In this presentation: 1.The challenges and opportunities associated with PPDM datastores 2.Best practices for selecting and implementing visual analytics software	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
160	Business Technology	Decision Support	Sector	Best Practices for Selecting and Implementing Decision-support Solutions	The presentation will describe best practices for implementing and operating PPDM-aware decision-support solutions in the oil & gas industry.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
161	Business Technology	Data Analytics	Misinformation	Understanding Data: What do these numbers mean?	This presentation will describe nine hazards of data misinterpretation and how to address them.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
162	Business Technology	Master Data Management	Decision Support	Positioning Master Data Management for Success	This presentation will show how to position Master Data Management (MDM) programs for success in this presentation: 1.create a release strategy for MDM programs 2.rank typical themes to scope MDM programs This presentation will also describe how to communicate MDM programs that will resonate with a typical senior management audience at an upstream oil & gas producer.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
163	Business Technology	Enterprise Content Management	Decision Support	A Brief History of Electronic Content Management	Enterprise Content Management (ECM) is taking on increasing importance in oil & gas organizations as the volume of structured and unstructured grows in volume and takes on a more prominent role in supporting the achievement of the organization's strategic plan. In this presentation: 1.The History of ECM 2.ECM Business Drivers with a focus on the upstream oil & gas industry 3.ECM Best Practices with emphasis on the role of PPDM 4.ECM Future	Management decision-making and information (data) systems/technology	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
164	Business Technology	Data Analytics	Operations	Achieving Superior Application Performance amidst Skyrocketing Data Volumes 72	This presentation will discuss the following: 1.Origin of skyrocketing data volumes 2.Issues created by large data volume 3.Achieving superior application performance In particular, the presentation will describe a holistic approach to achieving superior application performance in the areas of the typical exploration computing environment. The areas are: 1.Server 2.Disk 3.Network 4.Workstation 5.Operating System 6.Operations 7.Database 8.Data 9.Applications 10.Training 11.Thin-client computing architecture	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
165	Business Technology	Data Analytics	NAD 83	Improving Location Accuracy	In 2005, the Canadian oil & gas industry began to plan to move to NAD 83. This presentation will describe approaches to migrating data to the NAD 83 datum and upgrading the DLS survey grid version. The presentation will then outline issues encountered during the migration and provide ideas for controlling project risks and costs. NAD 83 is the abbreviation for North American Datum 1983. Geodetic datums provide the origin and orientation for coordinate systems that map the earth. Geodetic datums consist of a point and an ellipsoid that defines the size and shape of the planet. DLS is the abbreviation for Dominion Land Survey. DLS is a survey system used in Alberta, Saskatchewan, and Manitoba, Canada.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
166	Business Technology	Data Analytics	Business Process improvement	PPDM supports Business Process Improvement	An explosion in exploration and production data volumes threatens to overwhelm many E&P companies' efforts to improve their business processes and data management practices. Exploding data volumes originate from the business forces driving the upstream E&P industry today. These forces include: 1.Asset Mix/Optimization 2.Shareholder Return 3.Oil & Gas Price 4.Technology 5.Workforce Demographics 6.Globalization 7.Environment This presentation will also describe successful approaches to enhancing data management with PPDM to strengthen: 1.Computing Infrastructure 2.Software 3.Business Process 4.Data These approaches will enable E&P companies to meet the challenges posed by the business forces driving the E&P industry and retain the value that previous business process improvements delivered.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
167	Business Technology	Interoperability	Sector	Interoperability Initiatives	This presentation will examine application interoperability in an oil & gas industry context. The outline of the presentation is as follows: 1.Interoperability Definition 2.Interoperability Irritants 3.Interoperability Initiatives The presentation includes an extensive bibliography that describes the location of additional information for the various interoperability initiatives.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
168	Business Technology	Data Analytics	Sector	Dilbert Explains PPDM Benefits	This presentation will describe successful approaches to using PPDM to improve oil and gas exploration and production firms' operations. He will contrast the PPDM approach with the outrageous ways Dilbert's organization attacks the same improvement objectives: 1.Supporting cost reduction in exploration and production functions. 2.Enhancing the professional productivity of explorationists. 3.Using PPDM technology as part of a strategic direction for the practical application of information technology.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
169	Business Technology	Data Analytics	Geophysical	Using PPDM to Improve Geophysical Data Management	Geophysicists encounter various data management issues that increase costs and undermine productivity. Using the Public Petroleum Data Model (PPDM) as part of a geophysical data management strategy significantly solves many geophysicists' data management issues. The presentation outline is as follows: 1.Geophysical data management issues 2.Impact of data management issues 3.Geophysicists' objectives 4.PPDM contributions 5.Conclusion 6.Specific actions a geophysicist can undertake to improve data management	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
170	Business Technology	Data Analytics	Operations	PPDM Overview Course	The PPDM Overview course describes how using the Public Petroleum Data Model (PPDM) for geotechnical information datastores reduces IS costs and increases geotechnical professionals' productivity. Oil and gas organizations need to know how to achieve the benefits that the PPDM offers for their: 1.IS strategy. 2.Data management initiatives. 3.Application strategy. This course provides answers to assist oil and gas organizations in assessing the benefits, uses, and implementation approaches of the PPDM. PPDM is a physical data model that describes the subject areas associated with oil and gas exploration activities. Course outline: 1.How the PPDM Association works 2.The business case for using PPDM 3.Architectural principles 4.Model description 5.Planning for implementation 6.The next steps for the PPDM 7.PPDM software and data availability The course material will be presented through: 1.Module with overheads. 2.Class discussion. 3.Case studies.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
171	Business Technology	Data Analytics	Standards	To Fee or Not to Fee - The Myth of Free Standards: Giving Away the Farm	This presentation will compare the significant strategic alternatives for achieving the mission of the PPDM Association. This presentation will compare a Free or volunteer-based Standards Development Organization (SDO) to a Fee-based SDO: 1.Background & Context – challenges and opportunities facing the PPDM Association 2.Achieving the PPDM Association mission – How Free SDO and Fee SDO can accomplish the mission 3.Comparing Free SDO to Fee SDO – compare opportunities, strengths, and weaknesses 4.Recommendations – What our organizations and we can do to achieve the PPDM Association mission	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
172	Business Technology	Sensor Data		The Terminator Explains Measurement from the Future	The Terminator wasn't just sent from 2029 to 1984 to kill Sarah Connor. His design and construction also illustrated advances in the science of measurement. Skynet didn't just invade servers worldwide; it showed how highly-trained measurement professionals would use the Industrial Internet of Things (IIoT). This presentation will describe leading technology developments that will likely affect how the industry will perform measurement in the future. The presentation will then describe today's capabilities for each technology, outline likely short-term developments, and speculate about future advances.	Management decision-making and information (data) systems/technology	
173	Business Technology	Best Practices	Standards	EPAP Best Practices	The Enhanced Production Audit Program (EPAP) has focused on volumetric measurement and reporting for several years in Alberta. This same focus is just beginning in Saskatchewan. Driven by senior executives signing the annual EPAP declaration, this focus encourages operators to improve their processes and controls to ensure they are practical and efficient. This seminar will improve the effectiveness of oil & gas industry staff in operating an EPAP program using best practices utilized by leading industry operators. This presentation will describe best practices for: 1.Conducting the evaluation of controls to ensure that the effort delivers the required level of assurance. 2.Investigating and remediating items on the EPAP CAI Report by focusing on opportunities for continuous improvement. 3.Remediating not-effective controls to improve business performance.	Law and legal forms of business	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
174	Reporting	Best Practices	Standards	Investigating and Remediating EPAP Compliance Assessment Indicators	This seminar will improve the effectiveness of oil & gas industry staff in investigating and remediating items listed on their monthly EPAP Compliance Assessment Indicators (CAI) Report. This presentation will describe the successful: 1.Business processes for focusing on the essential items and avoiding time-wasting distractions that produce no improvements. 2.Techniques for investigating and remediating items on the EPAP CAI Report.	Law and legal forms of business	
175	Reporting	Best Practices	Standards	Top 10 Enhanced Production Audit Program (EPAP) Bloopers	This presentation will describe the Top 10 bloopers that operators risk making based on his experience implementing EPAP at oil & gas operators. This presentation will focus on accelerating, risk-reducing, and cost-containing EPAP implementation projects for oil & gas operators. The presentation will also describe best practices for EPAP implementation that avoid bloopers in these areas: 1.Overdoing the evaluations 2.Remediating the whole world 3.Scaring management 4.Annoying the ERCB 5.Ignoring the Compliance Assessment Report 6.Boring the operations and production accounting staff 7.Assigning blame 8.Evaluating business processes 9.Focusing on nits 10.Blowing the schedule Replace these bloopers with well-regarded best practices to position your EPAP implementation project for faster success.	Law and legal forms of business	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
176	Reporting	Best Practices	Standards	Quickly Investigate EPAP CAI Report Items	This presentation will describe successful techniques for investigating and remediating items that appear on the CAI Report that oil & gas operators receive monthly from the regulator as part of the Enhanced Production Audit Program (EPAP). This presentation will focus on how oil & gas operators can accelerate and cost-contain CAI item investigation and remediation. The presentation will also describe best practices for CAI item investigation and remediation in these areas: 1.Prioritizing CAI items 2.Identifying causes, not symptoms 3.Collaborating with other groups 4.Capturing resolutions for reuse 5.Reporting progress	Law and legal forms of business	
177	Reporting	Best Practices	Standards	EPAP Seminar	Implementing and operating the ERCB's Enhanced Production Audit Program (EPAP) successfully is a critical aspect of measurement and reporting compliance. This seminar will describe key considerations in implementing and operating EPAP for maximum value. The outline of the EPAP Implementation Seminar is as follows: 1.Understanding Directive 076 - Operator Declaration Regarding Measurement and Reporting Requirements 2.How to estimate the EPAP implementation project size 3.Implementation phases 4.Alternative implementation strategies 5.Benefits – estimating their value 6.Project organization – roles & responsibilities 7.Self-assessment – current state of business processes and controls 8.Scope – how many controls and how much evaluation of controls is enough? 9.Estimating resources, cost, effort 10.Strengthening business processes, controls, and evaluation of controls 11.Strategies for operation	Law and legal forms of business	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
178	Reporting	Risk Management	Monitoring	Case Study: Implementing a risk-based continuous compliance assessment	This presentation will describe a recent project developed using an ACL- based system that continuously monitors data in Alberta's Petroleum Registry and other regulatory datastores for noncompliance risks, and describe the following: 1.Technical benefits of using ACL to develop and operate this continuous compliance monitoring system. 2.Business benefits of this continuous compliance monitoring activity. The system utilizes a series of ACL scripts to identify data anomalies indicative of noncompliance events. ACL is used to extract the data from the primary sources, transform it into formats and datasets that are more easily analyzed, and apply criteria that range from straightforward comparisons to very complex statistical treatments – all in a fully automated process. The system scores the data anomalies found and consolidates them into a monthly report. Every Alberta oil & gas operator will receive the report section that applies to its producing facilities and is expected to investigate the noncompliance risks indicated. The ACL-based solution broadly applies to other regulatory and continuous policy compliance monitoring situations.	Strategy, risk managment and innovation	
179	Leadership	Performance Reporting	Misinformation	Pushing Back Against the Misrepresentation of the Oil & Gas Industry	Significant misrepresentation of the oil & gas industry's operational performance has created baseless opposition to proposed developments and whipped up public anxiety about various supposed adverse industry impacts. This presentation will contrast the available facts describing the oil & gas industry's performance with some environmentalists' widely publicized statements and various anti-development groups about the industry's horrible impacts. This presentation will also show that the oil & gas industry is pivotal to our economic well-being and that the oil & gas industry's performance is commendable. Nonetheless, there's always room for improvement. This presentation provides information anyone can use to challenge the oil & gas industry's operational performance misrepresentation.	Management decision-making and information (data) systems/technology	Management decision-making and information (data) systems/technology
180	Leadership	Fraud	Consumer	Fraud Awareness	Consumer scams and fraud continue to create financial losses and personal embarrassment. This presentation will describe how to increase awareness of these scams and frauds and avoid harm.	Management decision-making and information (data) systems/technology	Management decision-making and information (data) systems/technology

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
181	Business Technology	Data Analytics	Consumer	Foil Identity Theft	When we shop, eat meals in restaurants, or log in to our favourite websites, we leave behind an identity trail that others can exploit. Criminals can use our identification data to take over our identity to steal our assets. When that happens, it's called identity theft. Cleaning up the mess can take months, cost more money, and disrupt our lives. What can we do to safeguard our identity? This presentation will outline specific actions to minimize the risk of identity theft. These actions include: 1.Buy a Cross-Cut Shredder 2.Exhibit Cautious Online Behavior 3.Ignore Suspicious E-mail 4.Review Credit Card Statements 5.Review of Credit History 6.Clean Up Web Surfing Rubbish	Big Data and Data Analytics	
182	Business Technology	Hardware	Consumer	Changing Market Opportunities for PC Resellers	This presentation will examine PC resellers' challenges in today's marketplace of decreasing hardware margins. The outline of the presentation is as follows: 1IT marketplace trends 2Solutions 3Professional Services	Management decision-making and information (data) systems/technology	
183	Business Technology	Software Development	Real Estate Transaction Standard (RETS)	RETS Developer Seminar	The seminar will help software development professionals accelerate the development of RETS-compliant software. Audience - The RETS seminar will appeal to: 1.Software developers 2.Software development team leaders 3.Real estate professionals with significant experience in the use of information technology Seminar Outline - The outline for the one-day seminar is as follows. 1.Overview of RETS 2.Technical details of RETS 3.RETS download client 4.Resources for RETS development 5.Common problems when coding RETS application 6.Business Case for RETS 7.RETS Implementation Issues 8.Future direction of RETS development	Management decision-making and information (data) systems/technology	Law and legal forms of business

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
184	Business Technology	Data Analytics	Real Estate Transaction Standard (RETS)	RETS MLS Support Staff Seminar	NAR is sponsoring a RETS seminar just for MLS Support and IT staff. This RETS seminar will be a great way to learn more about RETS, regardless of whether you already use it. RETS, a NAR-sponsored standard, is making the exchange of real estate data simpler and cheaper. Two experienced information technology consultants will update us on RETS and how to operate a RETS environment for maximum benefit. This half-day seminar is geared toward MLS IT Managers, their support staff, and their help desk staff. The outline of the seminar is as follows: 1.RETS overview and value proposition 2.RETS organization & initiatives 3.RETS implementation best practices, including security and role-based permissions 4.MLS Data Management 5.RETS support for the MLS 6.RETS client strategies 7.RETS future direction 8.RETS resources Each seminar participant will receive a binder containing the presentation materials, a link to a RETS download client, and a RETS resources guide.	Management decision-making and information (data) systems/technology	Law and legal forms of business
185	Business Technology	Data Analytics	Real Estate Transaction Standard (RETS)	Value of RETS for your Association	RETS, a NAR-sponsored standard, is making the exchange of real estate data simpler and cheaper. The presentation outline is as follows: 1.RETS overview 2.RETS business case 3.RETS implementation best practices 4.RETS development direction 5.RETS resources The presentation is geared toward MLS and Association CEOs and Managers. This seminar is not intended for software developers.	Management decision-making and information (data) systems/technology	Law and legal forms of business
186	Business Technology	Data Analytics	Real Estate Transaction Standard (RETS)	The Significance of Standards for Industry	This presentation will discuss how standards benefit the industry globally, particularly the real estate industry. The presentation will include the following significant points: 1.Benefits of standards 2.Pressure to avoid standards 3.Example benefits of RETS, PPDM 4.Challenge of developing practical standards 5.Challenge of selling benefits of standards	Management decision-making and information (data) systems/technology	Law and legal forms of business

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
187	Leadership	Organization Behaviour	Hackathon	Hackathons - A Growth Mindset Approach to Leading Differently	To be successful in a VUCA (volatile, uncertain, complex, ambiguous) world, a growth-oriented leadership style is needed in order to transform an organization into a thriving on. This session takes seasoned leaders through dragon psychology, corporate immune systems and fear culture that stifles innovation and creativy, and introduces a novel way of molting an organization to where it NEEDS to be - through Hackathons!	Strategy, risk managment and innovation	
188	Business Technology	Artificial Intelligence	Change Management	AI - Hype Or Normal	This AI Workshop is an opportunity to gain valuable insights into artificial intelligence and its impact on our lives and workplaces: 1.Adopting AI in Daily Life – Practical tips for integrating AI tools to improve productivity. 2.Recognizing AI-Generated Content – Learn how to identify content created by AI systems. 3.The Future of AI – A discussion on how AI might reshape the workplace and broader industries. 4.Q&A Session – Your chance to ask questions and engage with the speaker.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
189	Business Technology	Artificial Intelligence	Change Management	Adoption, Trust and Transformation	Moving beyond the hype of AI, many workplaces are designing for and implementing this form of disruptive technology. Yet, without the appropriate governance and guardrails, the organization faces new and greater risks. This session brings the latest in generative AI developments, while helping professionals understand how to achieve the appropriate level of trust in these tools so that it can be adopted into daily productivity tasks.	Strategy, risk managment and innovation	Management decision-making and information (data) systems/technology
190	Business Technology	Data Analytics	Employment	Your Data Journey	How does one determine a career path or pivot into Data Analytics? Where in the business is data mastery important? This lecture will: 1. Introduce you to the pathway a seasoned CPA took where Data Analytics was an important skill that unlocked many opportunities 2. The various areas within an organization that rely on Data Analytics for risk management and performance management 3. Provide practical steps that can be taken to begin or pivot into a thriving Data Analytics vocational path	Big Data and Data Analytics	

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
191	Business Technology	Data Analytics	Artificial Intelligence	AI in Databases	There are many uses for the quickly evolving generative Artificial Intelligence technology. This lectures explores how conventional database management can be augmented using current AI technology. Additionally, learners will become more confident in how AI can support each part of the Data lifecycle: extraction, transformation, modelling and visualization.	Big Data and Data Analytics	Management decision-making and information (data) systems/technology
192	Business Technology	Data Analytics	Sector	Data Analytics in Oil and Gas	Graduate Data Science students are curious about the application of their discipline in Alberta's thriving Oil and Gas sector. This session provides an overview of the industry, explores 2 examples of using GeoSpatial data to improve operations and highlights current opportunities for someone possessing data mastery.	Big Data and Data Analytics	
193	Ethics	Artificial Intelligence	Governance	Panel Discussion: Ethical By Design - Guiding AI Towards a Sustainable Environmental Future	Artificial intelligence is transforming industries — and the environmental sector is no exception. This session explores how AI can be harnessed responsibly to drive sustainability and create an impact. Join us to examine real world applications and ethical considerations that ensure AI innovation aligns with sustainability goals.	Ethical Decision-making and organizational governance/data governance	Sustainability
194	Business Technology	Artificial Intelligence	Agentic AI	It's 2026 - Where Are Your AI Agents At?!	Many organizations could benefit from AI technology, but the pace of change can feel overwhelming. This webinar reframes AI adoption around a new reality: the value of AI adoption has moved beyond prompting a chatbot tool and is now taking aim at agent-first workflows. This webinar uses plain-language examples to give you practical takeaways on how to work with these tools effectively as build partners: how to start from your context, to “thinking out loud” productively, to transferring context cleanly between tools and teams. Join us in understanding how current artificial intelligence tools can help you NOW!	Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
195	Business Technology	Emerging Technology	Leadership	The future of the Web		Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
196	Business Technology	Cybersecurity	Leadership	Top 10 Low-cost Cybersecurity Tips		Strategy, risk managment and innovation	
197	Business Technology	Information Technology	Employement	Entry of Newcomers into Professional Life			

PROFESSIONAL DEVELOPMENT EXPERTS - Course Library

Item	Domain	Sub-Domain1	Sub-Domain2	Course Name	Abstract	CPA Competency1	CPA Competency2
198	Business Technology	Cybersecurity	Leadership	Adding Resilience to Cybersecurity Defences		Strategy, risk managment and innovation	
199	Business Technology	Artificial Intelligence	Leadership	AI in the Workplace: Adoption, Trust, Transformation		Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation
200	Business Technology	Information Technology	Leadership	IT For Business Results		Management decision-making and information (data) systems/technology	Strategy, risk managment and innovation