



PARTNER WITH SUPPLY CHAIN EXCELLENCE

Program Schedule:

NISCL Certificate Program in AI for Procurement and Supply Chain

UPON COMPLETION, YOU'LL DEMONSTRATE:

Functional capability in identifying high-value AI opportunities, applying Generative AI and Machine Learning effectively, and establishing the governance needed to deploy AI safely and successfully.

TO EARN THIS CERTIFICATE, YOU'LL COMPLETE:

- **4 Workshops** (Each workshop is 1 day in length, instructor-led & live online):
 - AI for Procurement and Supply Chain
 - AI Compass, Generative AI Essentials & Prompt Engineering
 - Machine Learning (ML) & AI Opportunity Identification
 - AI Operationalization & Governance Workshop
- **Exam**
 - You must complete the above course requirements before the Exam.



REGISTER FOR COURSES & THE EXAM:

Once you have registered and paid for this Certificate Program, you will receive your Certificate promo code in a confirmation email. **You are not yet registered for your courses or the exam.**

To register for your courses and the exam, use the Certificate Program code you receive to register for all course requirements and the Exam. In the table below, click to register for any component, then enter the code in the section titled “Optional.”

Optional

Have a promotional code? Enter it here.

Promotional Code

This will allow you to register for courses and the Exam at \$0, since you have already paid for these components through your Certificate Program purchase.

You may register for courses in any order, according to your preference—there is no recommended order that you must follow. Once all your courses have been completed, you may then register for and complete the Exam.

Workshop Registration Links:

Use the links below to register for the live online workshops.

AI Compass, Generate AI Essentials and Prompt Engineering	Nov 10, 2026 (10 AM – 5 PM ET)	REGISTER
AI Operationalization and Governance	Feb 2, 2027 (10 AM – 5 PM ET)	REGISTER
Machine Learning (ML) and AI Opportunity Identification	Apr 27, 2027 (10 AM – 5 PM ET)	REGISTER
AI for Procurement and Supply Chain		COMING SOON!

Exam Registration Link:

Use the links below to register for the Exam after you have completed all 4 workshops.

Certificate Program in AI for Procurement and Supply Chain - Exam	COMING SOON!
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LEARNING OUTCOMES

AI for Procurement and Supply Chain

Upon completion, you will be able to:

- Understand foundational AI concepts
 - Understand core AI concepts: AI, Machine Learning (ML), Generative AI (GenAI), Large Language Models (LLMs), AI Agents
 - Describe how these technologies differ – and where each one adds value
 - Compare common AI tools, including Microsoft Copilot, ChatGPT, and other enterprise AI solutions
- Identify industry applications
 - Identify where AI is currently being applied in procurement and supply chain, including: supplier risk models, spend intelligence, contract automation, forecasting, sourcing automation, and supplier onboarding
- Assess decision-making value and risk
- Identify relevant AI use cases
 - Assess the value and risks of AI integration
 - Apply a simple, non-technical AI Decision Framework to determine:
 - when AI should be used,
 - when AI should NOT be used,
 - and when human oversight is mandatory.
- Explore practical use cases
 - Explore real-world AI and ML case studies for procurement and supply chain
 - Understand “what good looks like” when implementing AI tools and data-driven models
- Plan for adoption and change management
 - Identify how to adopt AI within their own team or organization, including:
 - workflows to target
 - required skills
 - governance requirements
 - creating AI-enabled SOPs and templates
- Recognize AI risks, ethics, gaps, and opportunities
 - Recognize the primary risks of AI in procurement (data privacy, bias, hallucinations, over-reliance on automation, supplier confidentiality)
 - Apply ethical practices when using AI with sensitive supplier or contract information.
 - Understand the critical gaps that still exist in AI tools—and how to mitigate them
 - Identify strategic opportunities where AI can create competitive advantage across sourcing, forecasting, and supplier management

AI Compass, Generative AI Essentials & Prompt Engineering

Upon completion, you will be able to:

- Understand when and where to apply AI
 - Identify business situations where AI can create measurable value by improving decisions, automating processes, enhancing customer experiences, or enabling new capabilities
 - Use the 5x5x5 AI Compass and AI Decision Framework to distinguish between problems suitable for AI versus those better addressed through traditional approaches
 - Recognize the difference between AI opportunities focused on prediction, perception, creation, reasoning, and action
 - Understand key limitations of AI, including hallucinations, bias, lack of contextual understanding, data dependency, and the need for human oversight/HITL
 - Recognize why successful AI adoption requires alignment between business objectives, data readiness, technology capabilities, and governance
- Understand Generative AI and Large Language Models (LLMs)
 - Learn the fundamentals of Generative AI and how Large Language Models work at a high level
 - Understand concepts such as training data, transformers, tokens, embeddings, fine-tuning, retrieval-augmented generation (RAG), and inference
 - Identify common enterprise applications of Generative AI across supply chain functions



- Apply prompt engineering techniques
 - Understand the role of prompts in guiding AI systems to generate accurate, relevant, and reliable outputs
 - Apply five key prompt engineering techniques to improve AI performance
 - Design reusable prompt templates for business scenarios
- Apply Generative AI responsibly and safely
 - Understand responsible AI principles, including accuracy, transparency, privacy, security, fairness, and accountability
 - Identify risks associated with Generative AI adoption and learn approaches to mitigate these risks
 - Apply practical guidelines and best practices for safe and effective AI usage in business environments

Machine Learning (ML) & AI Opportunity Identification

Upon completion, you will be able to:

- Understand core Machine Learning concepts
 - Understand the foundations of Machine Learning and its role within the broader AI landscape
 - Differentiate between the 4 major ML categories
 - Understand how organizations use ML to improve prediction, optimization, automation, and decision-making
- Identify business opportunities for AI and Machine Learning
 - Learn a structured approach for discovering high-value AI opportunities
 - Translate business challenges into AI-enabled solutions by focusing on business outcomes rather than technology capabilities
 - Identify AI opportunities across supply functions
- Apply reinforcement learning concepts to business problems
 - Understand how reinforcement learning enables systems to learn through feedback, rewards, and continuous improvement
 - Identify business scenarios where reinforcement learning can be applied,
 - Refine AI use cases by evaluating decision complexity, feedback loops, and optimization opportunities
- Understand the AI implementation lifecycle
 - Understand the end-to-end AI delivery lifecycle
 - Understand the importance of DataOps, MLOps, AI governance, and change management in operationalizing AI
 - Learn how to move from AI ideas to actionable implementation roadmaps
 - Understand how to prioritize AI initiatives based on business value and execution feasibility

AI Operationalization & Governance

Upon completion, you will be able to:

- Build shared, accurate vocabulary for AI in a supply chain context
 - Core AI concepts leaders need to evaluate vendor claims and internal proposals critically
 - Where AI is already embedded in supply chain tools, including forecasting, sourcing, logistics, and risk platforms
 - Distinguishing genuine AI capability from AI-branded marketing
- Understand why AI governance matters in the current operating environment
 - The competitive and regulatory forces driving AI adoption in supply chain functions today
 - How peer organizations and competitors are moving, and where the gaps are
 - The shifting expectations boards and regulators now place on supply chain leadership.
- Recognize the risks of delayed or ungoverned AI adoption
 - Operational risk: biased supplier scoring, forecasting errors, and unchecked automation failures
 - Regulatory exposure under emerging Canadian and international AI legislation
 - Reputational and contractual risk when AI-driven decisions cannot be explained or defended
- Apply practical governance frameworks for responsible AI adoption
 - Right-sized governance structures: roles, review gates, and escalation paths that do not stall the business
 - Risk-tiering approaches to apply oversight where it matters most
 - Vendor and third-party AI risk assessment for procurement and supplier management teams
- Translate AI governance frameworks into an executable implementation roadmap
 - Building a 90-day AI governance action plan
 - Sequencing quick wins against longer-term capability building
 - Metrics and reporting that demonstrate governance maturity to leadership and boards



NISCL Certificate Program Terms and Conditions

PROGRAM COMPLETION TIMELINE

Participants have up to one (1) year to complete all certificate requirements, including the Exam.

CANCELLATION AND REFUND POLICY (CERTIFICATE REGISTRATION)

Certificate program purchases are non-refundable.

CERTIFICATE REGISTRATION CONFIRMATION

Upon registration for the Certificate program, participants will receive an automated confirmation email containing a certificate program access code, registration details for upcoming workshops, registration links for self-study modules (if applicable), and a registration link for the Exam. The Certificate Program access promo code must be used when registering for courses and the Exam, to ensure no additional costs are incurred. (NOTE: Subscription Clients: the registration promo code is NOT the same as the subscription promo code – it is specific to the Certificate Registration promo code.)

ACCESS TO CERTIFICATE

Once you have successfully completed the Exam, your digital certificate will be available to download from the NISCL Brightspace learning portal on the Awards page. This will be the only copy provided (i.e., no physical certificate).

SHARING OF THE PROMO CODE

Sharing your Certificate promo code is strictly prohibited. If you are found to have shared your promo code, you will forfeit your registration fee, and in the case of Subscription Clients, you will be obligated to pay the full Certificate fee for you and for those with whom you share the code.

You will also be considered in violation of the [NISCL Code of Ethics](#).

To earn this Certificate, participants are expected to complete all courses listed in the Course + Exam pathway. If you have previously completed any of these courses with NISCL, you are not obligated to repeat them if you are confident in your knowledge. Prior NISCL course completion does not reduce or discount the Certification costs. Finally, no equivalencies, exemptions, or substitutions are available for courses completed outside of NISCL, or for prior credentials, certifications, or work experience.

CORPORATE SUBSCRIPTION INDIVIDUALS

If your company does not renew its Subscription contract with NISCL, or if you change companies, you will be required to pay for the Certificate program.



Certificate Components

ACCESS TO WORKSHOPS

All workshops are held via Zoom per the schedule. Upon registration for a workshop, participants will receive an automated confirmation email containing the workshop Zoom registration link. Two (2) days before the workshop dates, participants will receive further instructions on how to access the workshop materials. If you do not receive either the confirmation email with the Zoom link after registration, and/or do not receive an email with instructions on where to access the workshop materials at least two (2) days before the workshop itself, please email info@niscl.ca.

WORKSHOP CANCELLATION POLICY

Cancellations must be submitted by email at least five (5) business days before the scheduled workshop date. A cancellation fee of \$100 is applicable if notification is received less than 5 business days before the start of the course or if the registrant does not attend the course.

ASSESSMENT AND PASSING REQUIREMENTS

The Exam is completed online via the NISCL Brightspace learning platform. A minimum grade of 70% is required to pass the Exam and thereby successfully earn the NISCL Certificate. You will have up to two (2) attempts to pass the Exam (i.e., if you score 69% or lower on your first attempt, you will have a second and final attempt to pass the Exam). You will automatically receive a second and final attempt if you are unsuccessful on your first attempt (i.e., no additional registration is required).

Questions? Contact us at info@niscl.ca