

Grow your career.
Level up for the future.

Masters Certificate in Lean Black Belt

Join the elites with a Masters Certificate in Lean Black Belt with an optional Six Sigma Specialization.



Masters Certificate in Lean Black Belt

What is Lean? Put simply, Lean methodology is a powerhouse strategy for ensuring consistent quality and eliminating obstacles in process flows. It's a surefire way of eliminating waste and streamlining processes.

Our one-of-a-kind Masters Certificate in Lean Black Belt equips you with the Lean tools, techniques, and strategies to drive continuous improvement and maximize efficiency. Take the program as a whole to gain a full Masters Certificate in Lean Black Belt and reach the pinnacle of expertise in Lean methodology and process improvement. For leaders wanting to brush up or gain insight into specific parts of Lean, the Masters Certificate is broken into individual belts, so you can pick and choose the ones you need.



8 days of study and 1 day of eLearning over 3 months + supplementary readings and coursework



Book this program [online](#)



Masters Certificate in Lean Black Belt – Six Sigma Specialization

Complement your Lean expertise, further solidify your credentials and expand your skill set with a Six Sigma Specialization. Complete optional asynchronous modules at an additional cost, and perfect the art of reducing variation in processes and achieving consistent and predictable outcomes. Completion of this second path means enhancing your credential to a Masters Certificate in Lean Black Belt - Six Sigma Specialization.

By combining both Lean and Six Sigma methodologies, you'll be well-equipped to optimize processes for both efficiency and quality, making you a versatile and highly sought-after professional capable of driving significant improvements in organizational performance, efficiency, and quality.



8 days of study and 1 day of eLearning over 3 months + supplementary readings and coursework



Book this program [online](#)



Program Highlight



8 Days of Study

Rich learning in just 8 days of study over 3 months, with supplemental readings and coursework outside of the classroom.



Flexible Schedule

Complete the full program for a Masters Certificate and significant tuition savings, or just take the modules you need.



Six Sigma Specialization

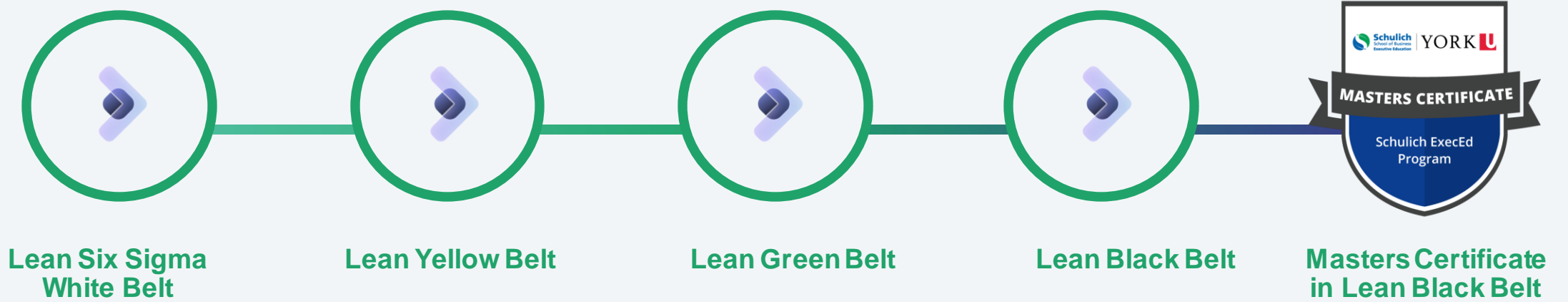
Take optional asynchronous modules on Six Sigma and enhance your credentials to a Masters Certificate in Lean Black Belt – Six Sigma Specialization.



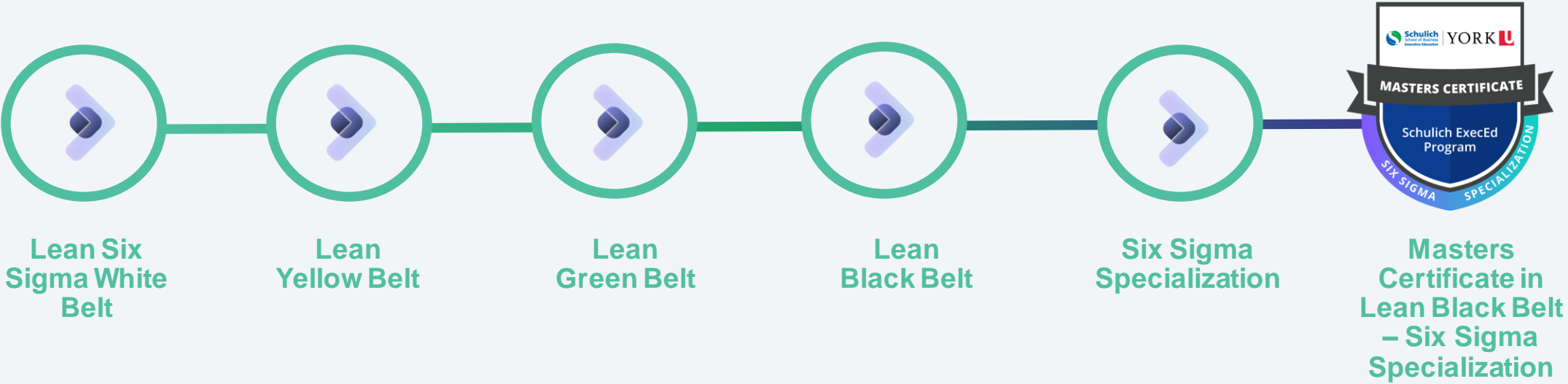
Digital Badge

Receive an authentic digital badge from Canada's #1 business school.

Pathway: Masters Certificate in Lean Black Belt



Pathway: Masters Certificate in Lean Black Belt – Six Sigma Specialization



Program Faculty



Michael Ewing
Program Director

Michael Ewing brings over 35 years of expertise in general management, sales, and business strategy to the table. With a strong focus on coaching, negotiation, CRM, marketing, and P&L management, Mike's career spans various leadership roles. During his tenure of over 17 years at American Express, he held the position of VP and GM of Travellers Cheques Prepaid Services and Foreign Exchange.

It was during this time that Mike became deeply involved in Lean Six Sigma methodologies, serving as both a Champion and an Executive Sponsor for continuous improvement projects. Over the past 18 years, Mike has been at the helm of two training and consulting firms, where he has had a profound impact on business strategy, program design, delivery, marketing, sales, recruitment, people management, and P&L.

Program Faculty



Jeff Woods

Lean Six Sigma Master Black
Belt

Jeff is a highly accomplished Lean and Six Sigma professional with significant experience leading continuous process/product improvement and excellence initiatives.

He has trained and coached individuals and senior leaders on Lean Six Sigma methodologies and process improvement projects, as well as educated and directed teams of employees to achieve successful business transformation and cultural change.



Great content, presented in an easy-to-understand format with enough challenges/activities to help really bring the message home.

- **R. Kornblum**, Walmart

I started to implement a Lean Six Sigma project in my company while I was taking this training and the original outcome is \$300K in costs reductions. I strongly recommend this program for all companies and individuals seeking excellence.

- **H. Foppoli**, Northbridge Consultant



Program Content:

Masters Certificate in Lean Black Belt



Lean Six Sigma White Belt *(Six-hour, self-paced, online learning modules)*

Over the last decade, given its emphasis on consistent quality and the elimination of obstacles to process flow and other sources of Muda or “waste”, Lean and Six Sigma have rapidly grown to become the most widely accepted and successful business process improvement strategy in the world. This intensive module will provide leaders with an overview of Lean principles and methods. It is designed to equip participants with the tools that they need to assess applicability to process-related challenges and to define them in a way that is conducive to successful Lean project scoping, objectives, resourcing, and leadership.

Topics Covered:

- Lean fundamentals (program and concepts) and its place in the business world today.
- PDCA and DMAIC project methodology – the heart of problem solving.
- Eight sources of waste in organizations and tools to banish waste – a Lean approach.
- Workplace Organization – 5S/6S.
- Value-added assessments.

Program Content:

Masters Certificate in Lean Black Belt



Lean Yellow Belt *(Prerequisite: Lean Six Sigma White Belt)*

This module inspires continuous improvement and guides participants through the basic quality tools in their area of operation, identifying improvement opportunities, and more effectively supporting and participating in improvement events and activities.

Topics Covered:

- Background and purpose / use of Lean.
- Difference between Lean and Six Sigma.
- Overview of Lean principles and Lean methodology.
- Benefits of using Lean (costs, efficiency, employees, customers).
- Applying Lean to organizational issues: identifying potential process for improvement; engaging SMEs to form a process improvement team; and setting up and completing a Lean Kaizen event.

Program Content:

Masters Certificate in Lean Black Belt



Lean Green Belt *(Prerequisite: Lean Yellow Belt)*

Lean Green Belt is a specialized module that applies Lean principles, tools, and techniques to identify and remove any non-value-added activities in everyday operational and service processes.

The Lean Green Belt will enable participants to leverage the power of this proven problem solving, process improvement methodology to achieve organizational goals rapidly and effectively. Most importantly, participants' organizations and teams will be more efficient, effective, and agile toward customer needs.

Topics Covered:

- Having high impact on customer satisfaction.
- Reducing frustration and inefficiency by eliminating non-value-added activities and waste.
- Reducing costs, errors and consequences, and improving accuracy and timelines of services.
- Increasing customer and staff safety, capacity and improved throughput, and customers and employee satisfaction.
- Improving use of staff, equipment, facilities, scarce resources and spending.

Program Content:

Masters Certificate in Lean Black Belt



Lean Black Belt *(Prerequisite: Lean Green Belt)*

Building on the knowledge and experience gained from completion of the Lean Green Belt module, participants of this module will attend a series of high-impact, instructor-led workshops to deepen their knowledge. Participants will learn by doing, gaining hands-on practice with the tools gained in previous belts. This workshop will help progress participants' basic Lean knowledge, reinforce what they have learned previously and enhance their skill set with inclusion of basic Six Sigma concepts/approach to process analysis, management, improvement as well as design, ultimately building self-sufficiency within the organization.

By the end of this module, participants will be able to assume the role as Lean experts, not only leading projects of medium to high complexity, but also training and coaching others.

Having developed confidence in the application of Lean tools and methods, Black Belts will form the nucleus of expertise from which the rest of their organization can draw from.

Program Content:

Masters Certificate in Lean Black Belt – Six Sigma Specialization



OPTIONAL: Six Sigma Specialization *(Prerequisite: Masters Certificate in Lean Black Belt)*

This optional Specialization involves 36 hours of e-learning modules, covering a broad spectrum of topics, from the fundamentals of Six Sigma to advanced statistical analysis techniques. Please note that this Specialization is at an additional fee.

The Specialization offers a comprehensive exploration of Six Sigma methodologies and tools, equipping participants with the profound knowledge and skills needed to excel in data analysis that inspires and informs. Key topics covered include evidence based problem-solving, process improvement and process design.

By completing this specialization, participants will be equipped to drive organizational excellence through data-driven decision-making, leading to improved process performance and enhanced business outcomes. Additionally, they will enhance their digital credentials by receiving a Masters Certificate in Lean Black Belt – Six Sigma Specialization and receive career advancement opportunities.

Participants of this optional Six Sigma Specialization also receive a free 30-day trial key from the ProcessMA statistic software, with the option of purchasing a perpetual license.

Program Content:

Masters Certificate in Lean Black Belt – Six Sigma Specialization



OPTIONAL: Six Sigma Specialization *(Prerequisite: Masters Certificate in Lean Black Belt)*

Participants Will Gain:

- A deep understanding of Six Sigma methods and tools that reside in the DMAIC approach to process improvement.
- Proficiency in assessing both process capability and process control, including the use of statistical process control methods.
- The ability to employ statistical methods to gather vital data for analysis and decision-making.
- Expertise in measurement system analysis (MSA) to ensure that data collected is fit for purpose.
- Skills in basic and advanced statistical analysis by employing popular parametric and nonparametric studies including hypothesis testing, analysis of variance (ANOVA), and regression analysis.
- The ability to perform Reliability Life Data Analysis ("Weibull Analysis") for the purpose of studying and modelling observed product lives.
- An understanding of the principles of Design for Six Sigma (DFSS) and the use of Quality Function Deployment (QFD) and House of Quality (HOQ) to enhance product and service quality.

Who Will Benefit



Mid-Career Leaders

Individuals in leadership roles across virtually every industry, functional role and responsibility—including operations and coordination—will prove their Lean Six Sigma expertise and develop practical techniques to significantly reduce organizational waste, drive continuous improvement and process excellence. Alumni of the program are poised to level up their careers and achieve more senior positions.

Why a Certificate at Executive and Professional Development?

There will no longer be a single transition from graduation to work in one's life.

Because few of us have the same job for life, we constantly have to re-invent ourselves, learn new skills and adapt to the changing marketplace and business environment. Today's professionals and executives must be able to quickly develop and fine-tune personal business skills to adapt and grow.

We are in partnership with the #1 Business School in the country

Schulich has the privilege of being ranked #1 and teaches students from around the world.

Our Program is Unique

Distinction from growing competition in the job market.

We Provide a Combination of Skill Specialization & Range

Deepen your current skills and acquire new ones.

