



University Of Mauritius

Centre For Innovative & Lifelong Learning (CILL)

PROFESSIONAL DEVELOPMENT PROGRAMMES (PDPs)

Accelerate Your Career with PDPs





The **University of Mauritius** (UoM) is the oldest public university of the island which was founded in 1965. UoM has always been a strategic partner in building the required human and intellectual capital for the socio-economic development and progress of Mauritius as championed by our motto, *Scientia Salus Patriae*, which means 'Knowledge at the Service of the Nation'. After more than half a century of existence, UoM remains the largest provider of undergraduate, postgraduate and doctoral education in the country. UoM is the only Higher Education Institution in Mauritius to have entered the Times Higher Education (THE) World University Rankings (WUR). UoM is ranked 1261st in the THE WUR 2024 across 108 countries and regions, and 46th in the African continent. UoM has also been ranked 19th in the THE Sub-Saharan Africa University Rankings 2023.

There are currently 7 Faculties, a Centre for Innovative and Lifelong Learning (CILL) and 3 Research Centres where 123 undergraduate programmes and 44 postgraduate programmes are offered. The University produces high quality research as well as provides consultancy services in response to the emerging needs of the fast-changing economy of Mauritius, the Indian Ocean, the African region and internationally as well.



The **Centre for Innovative and Lifelong Learning (CILL)** is a specialised centre in the promotion of Lifelong Learning through eLearning and Education Technology. The Centre was established in 2014 after the merging of the VCILT (Virtual Centre for Innovative Learning Technologies) and the CPDL (Centre for Professional Development and Lifelong Learning). CILL is committed to transform the educational practices at the University and to establish the University as a full dual-mode institution. Staff at the CILL adhere to the concept of openness and flexibility in educational delivery so as to provide a quality learning experience for our students.

CILL is responsible for developing and providing innovative programmes that can range from short courses to full-fledged programmes using e-learning or blended learning. In line with the effort to promote ICT, the Centre develops academic modules, pedagogical prototype projects, continuous education and lifelong flexible learning. CILL also supports UoM academics and tutors to engage with the technological, pedagogical and management tools for the conception, multimedia presentation and networking of their academic activities.





What are Professional Development Programmes (PDPs)?

Professional Development Programmes (PDPs) are specialised learning experiences crafted to elevate your professional skills and knowledge in a focused and efficient manner. These courses blend practical, real-world applications with academic insights, making them ideal for professionals who aim to stay ahead in their field, advance in their careers, or pivot to new roles. Designed with flexibility in mind, PDPs cater to diverse learning needs, empowering you to achieve personal growth and professional success across various industries.

Empower Your Future: The Benefits of PDPs

In a rapidly evolving professional landscape, continuous learning is essential. Our PDPs offer a strategic and flexible approach to up-skilling, enabling you to stay competitive and relevant. Whether you're aiming to excel in your current position, transition into a new career, or simply keep pace with industry innovations, our PDPs provide the tools you need to thrive.

By engaging in these short, intensive courses, you invest in your professional development, broaden your network, and unlock new career opportunities. From leadership and management to cutting-edge technical skills, our PDPs are designed to help you learn, adapt, and succeed in your professional journey.

Are You Ready to Transform Your Career?

Explore how our PDPs can make a significant impact on your professional trajectory.

Why Choose University of Mauritius (UoM) for Professional Development Programmes?

A Prestigious Institution with Global Recognition

Ranked among the top institutions in the region by Times Higher Education (THE), the University of Mauritius offers unparalleled learning opportunities through its fully online PDPs. Our programmes are designed to seamlessly integrate industry standards with academic excellence, providing you with the practical skills and innovative strategies needed in today's competitive job market.



Here's Why UoM is Your Ideal Partner in Professional Growth:

- **World-Class Faculty:** Gain insights from leading experts who combine academic excellence with practical industry experience.
- **Flexible Learning Environment:** Designed for busy professionals, our PDPs offer the flexibility to learn at your own pace, on your own schedule.
- **Cutting-Edge Content:** Stay at the forefront of your field with courses that reflect the latest trends and technologies.
- **Recognized Credentials:** Earn qualifications from a university known for its academic rigor and its commitment to professional excellence.

Choose UoM and Take the Next Step in Your Career

Leverage the reputation and expertise of the University of Mauritius to expand your skill set and advance in your field.

Tailored Programmes for Young Professionals

Courses Designed for the Leaders of Tomorrow

Our PDPs are meticulously crafted to meet the dynamic needs of today's professionals and emerging leaders. Over 6 to 8 weeks, these courses provide graduate professionals with the opportunity to refine their skills, stay informed on emerging trends, and adopt innovative approaches that drive success. Each PDP combines actionable knowledge with forward-looking strategies, ensuring that you are equipped not just to succeed today, but to thrive in the future.

Seamless Online Learning with UoM-Coursera

Delivered through the UoM-Coursera platform, our PDPs offer 24/7 access to content, allowing you to learn whenever and wherever it suits you. A dedicated UoM academic will support your journey as a tutor, providing at least three online tutorials throughout the course. To ensure you gain the most from your experience, formal online assessments are also part of the programme.

Ready to Future-Proof Your Career?

Enroll today and discover how our Professional Development Programmes can set you on the path to success.



PDP in Financial Management - LC 015

In this PDP, participants will explore the fundamental principles of financial management. Topics include understanding and interpreting a company's financial statements, the time value of money and its role in evaluating the economic viability of different projects, and the annual capital budgeting process every company performs when selecting which projects to fund. In addition, participants will cover some highly practical topics, such as determining product costs, preparing a statement of cash flows and establishing operating annual budget statements.

Learning Block 1: Finance for Non-Financial Professionals

The first part is an introductory portion that will enable participants to gain a basic understanding of finance and accounting concepts to drive their organization's growth. Upon completion of this course, they will have gained general financial knowledge and an in-depth understanding of the impact of their decisions outside their functional area. Content of the course includes selected aspects of finance from a non-financial specialist perspective. Specific topics include: financial analysis; planning, forecasting, and budgeting; cash flow, and strategic financing.

Learning Block 2: Product Cost and Investment Cash Flow Analysis

This course discusses costs and business practices to establish the cost of a product. The concept of time value of money (TVM) is developed to determine the present and future values of a series of cash flows. TVM principles are then applied to personal finances and retirement planning.

Learning Block 3: Project Valuation and the Capital Budgeting Process

This course describes the economic viability of an engineering project through the application of net present value, internal rate of return, and payback period analysis. The impacts of depreciation, taxes, inflation, and foreign exchange are addressed. The capital budgeting process is discussed, showing how companies make decisions to optimize their investment portfolio. Risk is mitigated through the application of quantitative techniques such as scenario analysis, sensitivity analysis, and real options analysis.

Learning Block 4: Financial Forecasting and Reporting

This course discusses how public projects are evaluated using cost-benefit analysis. Learners discover how interest rates and prices for stocks and bonds are determined. Techniques are presented on how to create departmental budgets for engineering cost centers and pro forma statements for profit centers. Learners then work with corporate financial statements to assess a company's financial health, including recent measures of environmental, social, and corporate governance (ESG).



PDP in Project Management - LC 016

This 6-8 Weeks PDP in Project Management aims to equip participants with the skills to effectively manage projects from inception to completion. Participants will gain a comprehensive understanding of project management frameworks, develop expertise in planning, scheduling and budgeting and learn to mitigate risks. The PDP is expected to enhance the leadership and communication skills of participants for better team and stakeholder management and would provide hands-on experience with essential project management tools to ensure quality and drive continuous improvement in project management practices.

Learning Block 1: Foundations of Project Management

This course is the first in a series of six to equip participants with the skills they need to apply to introductory-level roles in project management. In this course, participants will discover foundational project management terminology and gain a deeper understanding of the role and responsibilities of a project manager.

Learning Block 2: Project Initiation: Starting a Successful Project

This is the second course in the Google Project Management Certificate program. This course will show participants how to set a project up for success in the first phase of the project life cycle: the project initiation phase. In exploring the key components of this phase, students will learn how to define and manage project goals, deliverables, scope, and success criteria. They will discover how to use tools and templates like stakeholder analysis grids and project charters to help then set project expectations and communicate roles and responsibilities.

Learning Block 3: Project Planning: Putting It All Together

This course will explore how to map out a project in the second phase of the project life cycle: the project planning phase. Learners will examine the key components of a project plan, how to make accurate time estimates, and how to set milestones. Next, participants will learn how to build and manage a budget and how the procurement processes work. Then, students will discover tools that can help them identify and manage different types of risk and how to use a risk management plan to communicate and resolve risks. Finally, participants will explore how to draft and manage a communication plan and how to organize project documentation.

Learning Block 4: Project Execution: Running the Project

Learners will delve into the execution and closing phases of the project life cycle and will learn what aspects of a project to track and how to track them as well as how to effectively manage and communicate changes, dependencies, and risks. As they explore quality management, participants will learn how to measure customer satisfaction and implement continuous improvement and process improvement techniques. Next, they will examine how to prioritize data, how to use data to inform decision-making, and how to effectively present that data. Then, learners will strengthen their leadership skills as they study the stages of team development and how to manage team dynamics. After that, they will discover tools that provide effective project team communication, how to organize and facilitate meetings, and how to effectively communicate project status updates. Finally, participants will examine the steps of the project closing process and how to create and share project closing documentation.



PDP in Strategic Leadership & Management Skills for Middle Managers & Leaders - LC 017

This comprehensive 4-8-week Professional Development Programme in Strategic Leadership & Management Skills is designed to empower current leaders with effective tools and strategies to excel in today's dynamic business environment. Participants will get the opportunity to engage in a wide array of topics including the strategic, human resource, and organizational foundations for creating and capturing value for sustainable competitive advantage both within a single business and across a portfolio of businesses.

Learning Block 1: Leading Teams: Developing as a Leader

In this foundational course, participants will be challenged to develop as a leader – They will explore the concept of leadership, assess required competencies for today's leaders, and learn more about themselves and how they can make effective and ethical decisions.

Learning Block 2: Leading Teams: Building Effective Team Cultures

In this foundational course, students will immerse themselves in the idea of building effective team cultures. They will explore different facets of team culture that are at the root of effective teams.

Learning Block 3: Business Strategy

In this course, students will learn how organizations create, capture, and maintain value. In doing so, they will develop an understanding of how and why this process is fundamental for sustainable competitive advantage. Students will be able to better understand value creation, and capture and learn the tools to analyze both competition and cooperation from a variety of perspectives, including the industry-level (e.g., five forces analysis) and the firm-level (e.g., business models and strategic positioning).

Learning Block 4: Corporate Strategy

Participants will learn how corporations create, capture, and maintain value, going beyond the management of a single line of business. It is thus a complement to (and should typically follow) a course on Business Strategy, which focuses on developing and sustaining competitive advantage for a single business unit. Here, they will be able to better understand and learn the tools to analyze and manage decisions from a corporate-level perspective, which emphasizes the management of multiple businesses and multiple stakeholders. Examples of such decisions include vertical integration, diversification, mergers and acquisitions, strategic alliances, international expansion, global strategy, corporate governance and corporate social responsibility.



PDP in Teaching & Learning with AI - LC 023

This Professional Development Programme (PDP) of 8 weeks offers a comprehensive introduction to the transformative power of artificial intelligence in the classroom. It is for those with little or no background in AI, whether you have technology background or not, and does not require any programming skills. It is designed to give participants a firm understanding of the fundamental concepts, principles and application of AI and to empower them with knowledge and skills to effectively utilize AI in their teaching practices, to enhance learning outcomes and to prepare students for a future shaped by AI. Topics include introduction to AI, Generative AI in Education, AI powered Chatbox, Use of Generative AI like Chat GPT to create personalized learning experiences and Ethical Considerations of AI.

Learning Block 1: AI Foundation

Learning Block 1 is designed to give you a firm understanding of what is AI, its applications and use cases across various industries. Participants will become acquainted with terms like Machine Learning, Deep Learning and Neural Networks. Furthermore, it will familiarize participants with IBM Watson AI services that enable any business to quickly and easily employ pre-built AI smarts to their products and solutions. Participants will also learn about creating intelligent virtual assistants and how they can be leveraged in different scenarios. By the end of this Learning Block, learners will have had hands-on interactions with several AI environments and applications, and have built and deployed an AI enabled chatbot on a website – without any coding. Learners will perform several no-code hands-on exercises and at the end of the last course, learners would have developed, tested, and deployed a Watson AI powered customer service chatbot on a website to delight their clients.

Learning Block 2: Generative AI in Education

This Learning Block will enable participants to gain a comprehensive grasp of generative AI basics, including definitions, prompt engineering, ethical considerations, and best practices. This engaging, discussion-focused course empowers learners to explore generative AI through hands-on practice with recommended tools. Learners actively participate in discussions, sharing insights and findings in the forum.

Learning Block 3: Prompt Engineering for Educators

Tailored specifically for the teaching profession. This program will guide educators through the process of designing precise and effective prompts to engage generative AI tools such as ChatGPT in creating personalized learning experiences. From generating curriculum-relevant material and interactive exercises to providing real-time student feedback and automating administrative tasks, learners will learn to enrich educational delivery and improve student outcomes. By mastering the art of prompt engineering, participants will harness the capability to inspire, motivate, and personalize the learning journey for every student, setting up a future-ready classroom where human creativity and AI efficiency coalesce seamlessly.

Learning Block 4: Artificial Intelligence: Ethics and Societal Challenges

The Learning Block consists of four lessons, each of which finishes with a mandatory assignment in which learners write a short sum-up of the most important new knowledge/insight they gained from this lesson, and review a lesson sum-up written by another student/participant. The assessments are intended to encourage learning and to stimulate reflection on ethical and societal issues of the use of AI in society. Participating in forum discussions is voluntary but strongly encouraged. The lessons deals with: discuss algorithmic bias and surveillance; the impact of AI on democracy; the relationship between consciousness and intelligence; and who is responsible to make sure AI is developed in a safe and democratic way.



Forthcoming PDPs

Sustainable Business Practices:

In this Professional Development Programme (PDP), learners will explore topics such as Sustainable Operations, Supply Chains and Marketing; Finance and TRipple Bottom Line Accounting. The PDP also covers Sustainability Reporting and ESG and emphasizes on Sustainability Leadership, encouraging participants to “Be the Change.” In brief this is a comprehensive PDP aiming to equip learners with the skills needed for sustainable business practices.

Governance, Risk and Compliance:

This PDP aims to provide a comprehensive understanding of critical areas in the field of Compliance, Corporate Governance, Risk Management and Government Control. Professionals will be equipped with the knowledge and skills needed to navigate complex regulatory environments and enhance organizational compliance and security. Topics such as Fraud Crimes and Security, Global Trends and Government Initiatives in RegTech and FinTech Security and Regulation are also covered in this PDP.



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