



# CIO Leadership Programme



Strathmore University

@iLabAfrica Centre

## Introduction

The CIO Leadership programme is designed for senior IT management personnel in local/regional companies who wish to enhance their knowledge and competence in IT Management. This programme brings together local and international expertise.

Through this programme, participants will learn how to integrate key management concepts and best practices to develop strategic thinking and leadership skills as well as have an integrated view of the business landscape. The course will also cover current trends in technology and their relevance to local businesses in a (post-) pandemic world.

## Why

In the digital era, businesses have no choice but to digitally transform and adapt certain technology practices in order to survive and have a competitive edge. For companies, a digital business strategy is viewed as a means of transforming their business, streamlining their processes, and making use of technologies to enhance their interaction with customers and employees, and deliver excellent customer experience.

For enterprises to successfully adapt to digital transformation, they need leaders who are skilled and equipped to implement the right digital technologies and the right business models related to Information Technology.

For this reason, CIOs, CTOs and CSOs need a deep understanding of Information Technology in order to provide effective leadership for their organisations.

## Programme Objectives

1. To provide participants with an IT leadership mindset.
2. To help participants formulate an ICT strategy and align it to the business strategy of their organisation.
3. To provide participants with knowledge on digital transformational skills to reinvent business models and create innovative products and services.

## Target Audience

1. Chief Information Officers (CIOs)
2. Chief Technology Officers (CTOs)
3. Chief Security Officers (CSOs)
4. Individuals in senior IT management who aspire to be promoted to any of the positions listed above in the near future.
5. Individuals in executive-level position in companies or other entities whose profession is focused on scientific and technological advancement within the organisation dealing with current ICT technologies.
6. Board Members who oversee IT functions in companies.
7. Chief Digital and Innovation Officer (CDIO)
8. Chief Digital Transformation Officer (CDTO)
9. Chief Data Officers (CDO)
10. Strategy and Innovation Officers

## Expected Learning Outcomes

1. Participants will cultivate an Information Technology leader mindset and will fully embrace and understand the role of an IT leader.
2. Participants will be able to formulate and align IT strategies that will be of great value to the organisation.
3. Participants will be able to reinvent business models and create innovative products and services through digital transformational skills.

## Competitive Edge of this Programme

- Customised content that is targeted for the local industries of East Africa.
- International modules that adopt advanced technologies yet to be implemented in the local industries of East Africa.
- Course will incorporate different topics in Information Technology that will provide participants with relevant knowledge on digital transformation of organisations.
- @iLabAfrica has conducted market research through stakeholder meeting for CIOs.
- Networking with executives in strategic leadership positions who are industry experts with relevant knowledge on digital transformation, emerging trends of technologies and local and international information on the current digital era of technology.
- Business Opportunities.

## Application Requirements

- Updated CV
- Reference letter (from employer)
- 2 passport size photographs

Applications are accepted throughout the year and should be received no later than two months before the start date.

To get more details on the program start date and the cost implications, contact the Executive Education Department through email on

**[@iLabee@strathmore.edu](mailto:@iLabee@strathmore.edu)**

## CIO Leadership Program Curriculum

### Module

Self-Leadership and the Business Landscape

1

1. Developing Self-Awareness: Understanding the Me Ltd.
2. Transitioning to the CIO Role: The Path to C-suite
3. Emerging Trends in Technology and the future of IT
4. Driving Cost Optimisation: Methods and Frameworks
5. Building a Digital Transformation Strategy

### Module

Leadership and Decision Making

2

1. IT Governance – Standards, Policies and Processes
2. Building and Managing a Strong IT Workforce
3. Securing the Enterprise
4. Crisis Management in IT
5. Best Practices in IT Budgeting

### Module

International Module

3

1. Digital State Architecture and Transformation in the Information Society
2. Next Generation Service Design and Digital Transformation
3. Information Security in the Information State
4. Digital Identity and its Management: Surviving in the Digital World
5. Interoperability and Data Exchange

*This module will be delivered in TalTech University, Estonia. Air Travel (Economy) and accommodation are included in the course fees.*

### Module

IT Strategy & Management: Business Alignment

4

1. Align Technology to Business Strategy
2. Value Creation, Cost Reduction
3. Gain a Market Competitive Advantage

## Mode of Delivery

The programme is structured into four separate Modules - including an international module—to be delivered over a period of 8 months. Each module consists of 5 intensive days (full-time). Content delivery approach includes but not limited to the following:

- a. Thought-provoking lectures.
- b. Live video-conferencing sessions.
- c. Use of real-world case studies.
- d. Visits to leading international companies (International Module).
- e. Learning enhanced through Strathmore University's eLearning platform.

## Leadership Advisory Board



**Dr. Joseph Sevilla**  
Director @iLabAfrica,  
Strathmore University



**Catherine Muraga**  
Managing Director, Microsoft  
Africa Development Center



**Dr. Catherine Nyaki Adeya**  
Member Board of Directors,  
ICANN



**Muchemi Wambugu**  
Head for Technology for  
Development at the Tony  
Blair Institute (TBI)



**George Njuguna**  
Director, CTIO,  
Digital Transformation,  
FinTech



**Jaine Mwai**  
Head Country Technology  
Management Kenya and East Africa,  
Standard Chartered Bank



**Dennis Volemi**  
Group Director, Technology  
Kenya Commercial Bank



**Robert Nyamu**  
Partner & Technology Consulting  
Leader, East African Region - Ernst  
& Young (EY)



**Kenneth Ogwang**  
Diageo's Head of Digital and  
Technology for Eastern and  
Southern Africa



**Ben Roberts**  
Strategic Advisor on Subsea  
Cable Economics for Connectivity,  
UNICEF



**Fredrick Kitunga**  
Chief Information and Data  
Officer, Kenya Airways Plc



**Dr. Vincent Ngundi**  
Director, Cyber Security and  
Head of National Cybersecurity Centre at  
Communications Authority of Kenya (CA)





# Strathmore University

---

*@iLabAfrica Centre*

4th Floor, Student Centre  
Strathmore University  
Madaraka Estate, Ole Sangale Road

P.O Box 59857 - 0200 City Square  
Nairobi Kenya

Facebook: @iLabAfrica

Twitter: @iLabAfrica

LinkedIn: @iLabAfrica

[www.ilabafrica.strathmore.edu](http://www.ilabafrica.strathmore.edu)

***iLabee@strathmore.edu***



