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*Kickstart your journey into the exciting world  
of **technology** and **innovation** with  
@iLabAfrica Research and Innovation Centre –  
**Strathmore University!***

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## ABOUT @ILABAFRICA

We spearhead Research & Innovation in Information Communication Technology for the Development (ICT4D) of ecosystems towards the attainment of the United Nations' Sustainable Development Goals (SDGs) and Kenya's Vision 2030.

## OUR FOCUS AREAS

- ✓ ICT Research & Innovation.
- ✓ Entrepreneurship & Incubation.
- ✓ ICT Outsourcing.
- ✓ ICT Policy Research.

## OUR RESEARCH UNITS

We have a dynamic and innovative team of over 80 members comprising of experienced researchers, project managers and software developers.





# OUR COURSES



# EXECUTIVE EDUCATION COURSES

## DIGITAL MARKETING MASTERCLASS



This certificate program aims to equip participants with the necessary expertise to effectively leverage digital platforms and strategies to promote products, services, or brands in the online space.

### BENEFITS

The masterclass will focus on the pillars essential in digital marketing, such as;

- Marketing concepts.
- Marketing tools.
- Meeting customer expectations.
- Creating the right marketing strategy in digital advertising.



February Intake.  
4 weeks, with classes from Monday to Friday.  
6:00 pm – 8:30 pm [Evening Classes]  
Online class.



**Ksh. 40,000**

*Scan to explore!*



(Open to all Form Four leavers, regardless of your grade!)

## SOFTWARE DEVELOPER CERTIFICATE



A program that provides comprehensive training in both front-end and back-end development, equipping individuals with the skills necessary to build and maintain complete web applications.

### BENEFITS

- Industry-relevant curriculum.
- Hands-on experience.
- Expert Instructors.
- Networking Opportunities



Three-month programme with intakes in February, May, and September.

**Venue:** Strathmore University (physical classes)

**Time:** 9:00 a.m. to 12:00 p.m.



**Kshs 100,000**

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(Open to all Form Four leavers, regardless of your grade!)

“

Empowering leaders to navigate complexity, drive innovation, and transform their organizations for a better future. At the Executive Education Department, we equip visionaries with the tools to lead with purpose and create lasting impact.

”

**TALK TO US!**

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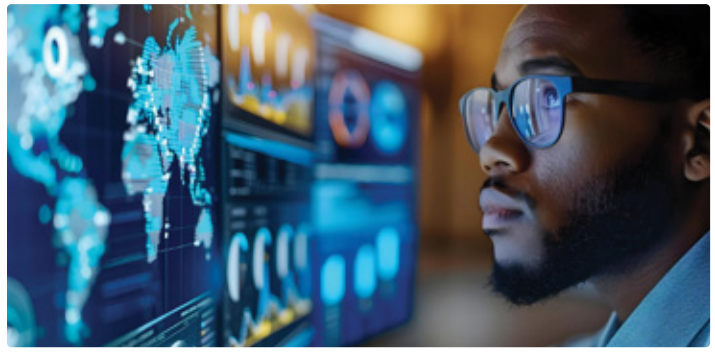
**Strathmore University**

@iLabAfrica Centre



# DATA SCIENCE COURSES

## CERTIFICATE IN DATA ANALYTICS AND VISUALIZATION



The course is designed to introduce learners to the foundational principles of Data Science, equipping them with the skills to transform raw data into meaningful insights.

### BENEFITS

By the end of this course, students will be able to:

- Acquire and Manage Data.
- Clean and Manipulate Datasets.
- Conduct Basic Inferential Statistical Analyses.
- Visualize Data Effectively.
- Communicate Findings Clearly.



January and July Intake.  
2 months, with classes from Monday to Friday.  
8:00 am – 1:00 pm [Physical Classes]  
5:30 pm – 8:30 pm [Virtual Classes]



**Ksh. 60,000**

*Scan to explore!*



(Open to all Form Four leavers, regardless of your grade!)

## BUSINESS INTELLIGENCE WITH POWER BI



This course provides a foundational understanding of Business Intelligence (BI), focusing on practical skills in data analysis and visualization using Power BI and Excel.

### BENEFITS

- Utilize Excel and Power BI for Data Analysis.
- Build Interactive Dashboards.
- Make Data-Driven Business Decisions.
- Master Data Visualization Techniques.



April Intake.  
2 months, with classes from Monday to Friday.  
5:30 pm – 8:30 pm [Virtual Classes]



**Kshs 60,000**

*Scan to explore!*



(Open to all Form Four leavers, regardless of your grade!)

“

Harnessing Data for Innovation.

”

**TALK TO US!**

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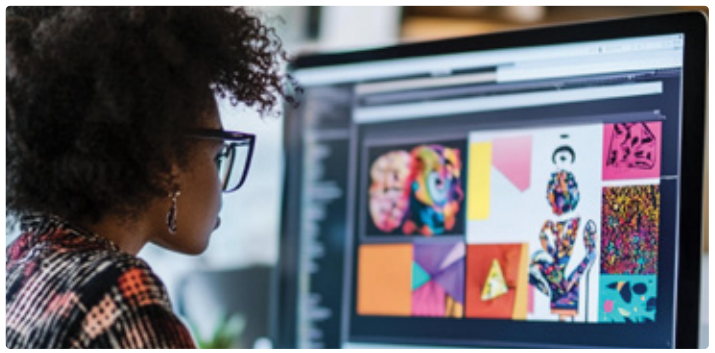


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# DIGITAL LEARNING COURSES

## GRAPHIC DESIGN AND MULTIMEDIA COURSE



Master the art of graphic design and multimedia, equipping yourself with creative and technical skills for careers in digital design, advertising, film production, and multimedia content creation.

### BENEFITS

- Learn hands-on skills in graphic design and multimedia using industry-standard software.
- Build a professional portfolio through practical projects.
- Learn from experienced industry experts.
- Unlock opportunities in graphic design, animation, advertising, and multimedia industries.



February Intake.  
4 weeks, with classes from Monday to Friday.  
9:00 am - 12:00 pm. [Hybrid Classes]



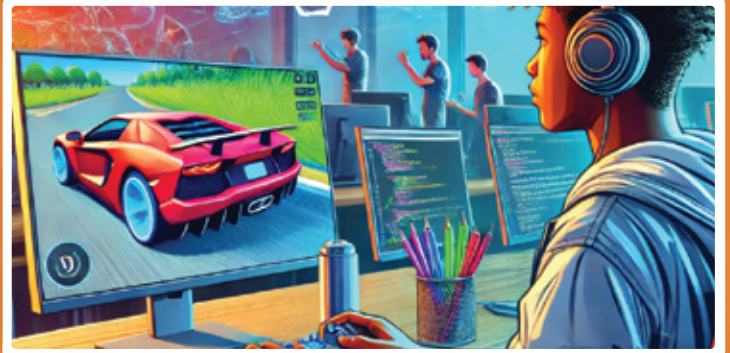
**Ksh. 40,000**

*Scan to explore!*



(Open to all Form Four leavers, regardless of your grade!)

## GAMEZ FACTORY (GAME DESIGN AND DEVELOPMENT COURSE)



Empowering the younger generation with game design and development skills, we aim to provide opportunities for learning and earning in the tech field, leveraging games as income sources, backed by Strathmore's reputation for excellence.

### BENEFITS

- **Practical Skills:** Learn game design, level design, game logic, and game UI.
- **Expert Insights:** Training from industry professionals with real-world experience.
- **Career Paths:** Opportunities in graphic design, animation, film, advertising, and more.



February Intake.  
6 weeks, with classes from Monday to Friday  
**Time:** 5:30 pm - 8:30 pm. [Hybrid Classes]



**Kshs 45,000**

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(Open to all Form Four leavers, regardless of your grade!)



Transforming education through technology-driven solutions.



### TALK TO US!

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# CYBER SECURITY COURSES

## CERTIFICATE IN PENETRATION TESTING



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A penetration tester subjects a system or a range of systems to real-life security tests. The penetration tester can perform specified attacks in high detail depending on the objectives sought.

### BENEFITS

- Understand the basics of cybersecurity
- Build their own penetration testing lab
- Write scripts using Python and bash
- Understand the process of penetration testing
- Understand the cyber laws of Kenya
- Perform digital forensics analysis
- Understand ethical hacking methodologies and techniques



March Intake.

**Venue:** Strathmore University

**Time:** 8:30 am - 4:00 pm.



**Kshs 98,000**

(Open to all Form Four leavers, regardless of your grade!)

## SPECIAL COURSES

### NEURODIVERGENTS IN TECH TRAINING PROGRAMME



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(Open to all Form Four leavers, regardless of your grade!)

TALK TO US!

Email: [neurodivergents@strathmore.edu](mailto:neurodivergents@strathmore.edu)  
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@iLabAfrica offers the Neurodivergents in Tech program which is a pioneering training aimed at young adults with neurodivergent conditions such as Autism Spectrum Disorder (ASD), ADHD, Dyslexia, Dyspraxia, Sensory Processing Disorders (SPD), and Specific Learning Disabilities (SLD).

### BENEFITS

- Neurodivergent students gain tech skills, boosting career opportunities.
- Increased awareness fosters inclusive hiring in tech.
- A supportive community empowers neurodivergent individuals.
- Success stories highlight meaningful employment and contributions.
- Reduced stigma promotes acceptance and inclusion.



March Intake.

Four months

**Venue:** Strathmore University

**Time:** 8:30 am to 1:00 pm



**Strathmore University**

@iLabAfrica Centre



# Strathmore University

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