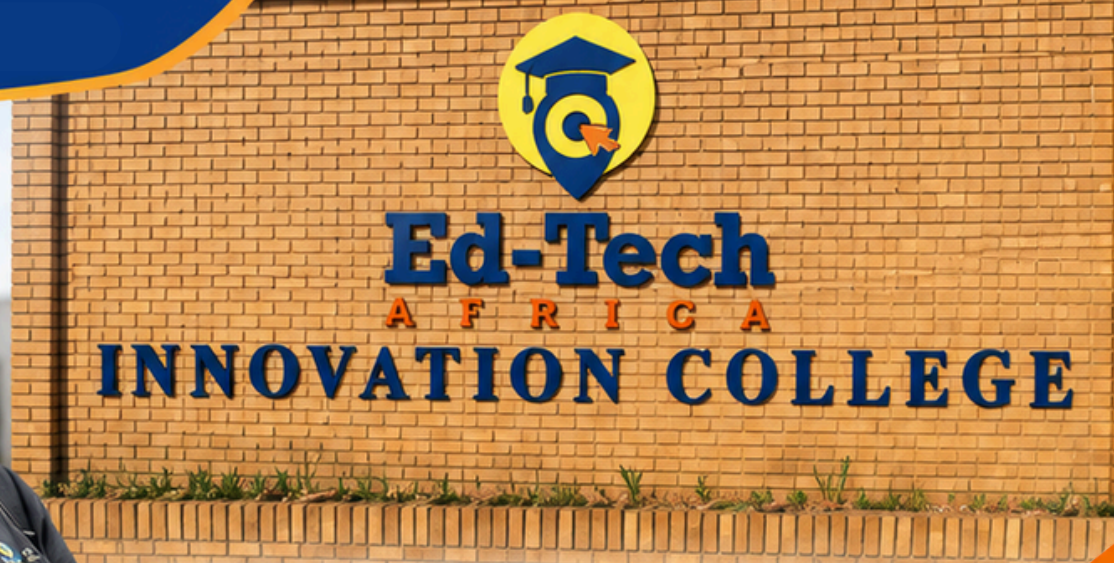




Ed-Tech
A F R I C A
INNOVATION COLLEGE



2026 PROSPECTUS

**DIPLOMA PROGRAMMES &
PROFESSIONAL SHORT COURSES**



QUALITY EDUCATION
Industry-relevant curriculum designed to equip you with future-ready skills.



PRACTICAL LEARNING
Hands-on training in modern labs with real-world projects and applications



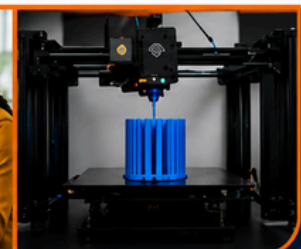
EXPERT FACILITATORS
Learn from qualified professionals with industry experience.



CAREER FOCUS
Learn from qualified professionals with industry experience.



INNOVATION DRIVEN
Fostering creativity, innovation and entrepreneurship for a better tomorrow.



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Broadhurst, Gaborone,
Botswana



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+267 3110070



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www.ed-techafrica.com

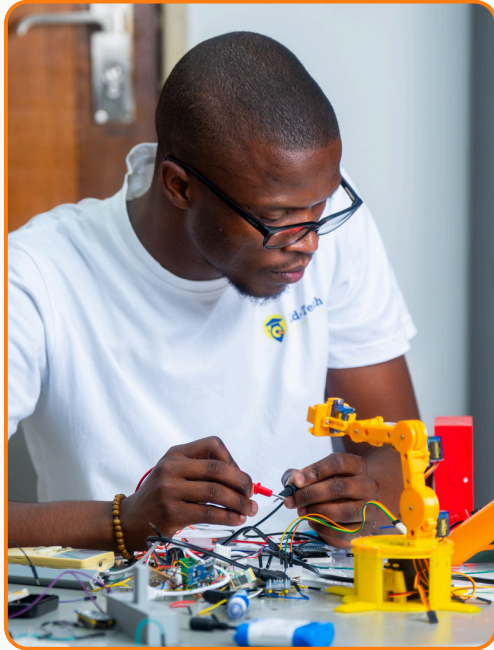


Ed-Tech Africa



ABOUT ED-TECH AFRICA

TRANSFORMING EDUCATION THROUGH TECHNOLOGY



ABOUT US

Ed-Tech Africa Innovation College is a leading technology-focused institution committed to empowering individuals through practical, innovative, and industry-relevant education.

As Botswana's Innovation College, we specialize in developing future-ready professionals equipped with the skills required to thrive in today's rapidly evolving digital world. Our programmes combine academic knowledge with hands-on practical experience, ensuring that learners graduate with the confidence and competencies demanded by modern industries.

We offer Diploma Programmes and Professional Short Courses in high-demand technology fields including Cybersecurity, Data Science & Analytics, Artificial Intelligence, Robotics, Embedded Systems, Digital Technologies, and more.

Through our learner-centered approach, experienced facilitators, modern training facilities, and project-based learning methodologies, we create an environment where innovation, creativity, and technical excellence flourish.



OUR VISION

To be Botswana's leading innovation-driven technology college, transforming lives through quality education, practical skills development, and technological advancement.



OUR MISSION

To deliver accessible, industry-focused education that develops technical expertise, promotes innovation, and prepares learners for successful careers in the digital economy.



WHY STUDENTS CHOOSE US

- ✓ BQA Accredited Programmes
- ✓ Experienced Facilitators
- ✓ Career Development Support
- ✓ Industry-Relevant Curriculum
- ✓ Modern Learning Environment
- ✓ Practical Hands-On Learning



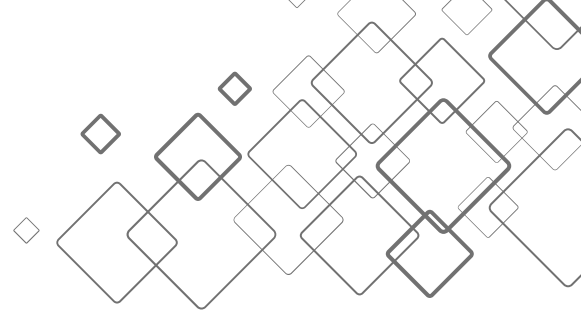
EXCELLENCE



INNOVATION



INTEGRITY



OUR PROGRAMMES

CHOOSE YOUR LEARNING PATH



DIPLOMA PROGRAMMES (3 YEARS)



DIPLOMA IN DATA SCIENCE & ANALYTICS



- ✓ Python Programming
- ✓ Data Visualization
- ✓ Machine Learning
- ✓ Statistics & Research



DIPLOMA IN CYBER SECURITY



- ✓ Network Security
- ✓ Ethical Hacking
- ✓ Cloud Security
- ✓ Incident Response



PROFESSIONAL SHORT COURSES



CYBER SECURITY

3/6 MONTHS



DATA SCIENCE & ANALYTICS

3/6 MONTHS



AI & ML

3/6 MONTHS



ROBOTICS & IOT

3/6 MONTHS



SOCIAL MEDIA MARKETING

3/6 MONTHS



GRAPHIC DESIGN

3 MONTHS



3D DESIGN & PRINTING

3 MONTHS



INTRODUCTION TO BASIC COMPUTERS

6 WEEKS

DIPLOMA IN DATA SCIENCE & ANALYTICS

 **3 YEARS | FULL-TIME**

"Transform Data into Meaningful Insights."
Because data doesn't speak for itself - great analysts do.



YEAR 1

SEMESTER 1

- Introduction to Data Science
- Mathematics for Data Science I
- Introduction to Statistics
- Academic & Professional Communication
- Ethics and Data Privacy

SEMESTER 2

- Data Governance & Quality Management)
- Computer Programming (Python)
- Database Systems
- Data Wrangling & Visualization
- Mathematics for Data Science II

ENTRY REQUIREMENTS

1. At least 5 "O" Level / BGCSE subjects with passes in Maths, English, and Computer-related subjects with at least 30 Points.
2. Certificate IV (NCQF Level 4) or equivalent qualification in Information Technology or a related discipline.
3. Recognition of Prior Learning (RPL) shall be applied in accordance with the institution's approved RPL Policy and NCQF guidelines.

YEAR 2

SEMESTER 3

- Probability & Statistical Inference
- Applied Linear Algebra
- Machine Learning Fundamentals
- Big Data Tools & Platforms
- Capstone Project Proposal

SEMESTER 4

- Data Mining Techniques
- Natural Language Processing(NLP)
- Capstone Project Execution
- Advanced Statistical Methods

CAREER OPPORTUNITY

1. Data Analyst
2. Business Intelligence Analyst
3. Data Scientist
4. Data Engineer
5. Machine Learning Engineer
6. Artificial Intelligence Specialist
7. Q Research Analyst
8. Data Consultant

YEAR 3

SEMESTER 5

- Introduction to Artificial Intelligence
- Web & Cloud Data Technologies
- Project Management for Data Projects)
- Advanced Machine Learning
- Domain-Specific Analytics

SEMESTER 6

- Industrial Attachment
- Entrepreneurship and Innovation in Data Science (Elective)
- Time Series Analysis and Forecasting (Elective)
- Cloud-Based Machine Learning (Elective)

DIPLOMA IN CYBER SECURITY

 **3 YEARS | FULL-TIME**

"Cybersecurity Starts With Vigilance."
Because threats never take a day off.

YEAR 1

SEMESTER 1

- Digital Literacy and Productivity Tools
- Communication and Academic Writing
- Mathematics for Cybersecurity
- ICT Ethics & Legal Compliance
- Professional Practice and Workplace Skills

SEMESTER 2

- Cybersecurity Foundations
- Network Fundamentals & Protocols
- Python for Security Scripting
- Operating Systems Fundamentals & Security
- Secure Database Management

YEAR 2

SEMESTER 3

- Cryptography Essentials
- Advanced Network Security
- Threat Intelligence Analysis
- Access Control and Identity Management
- Risk Management & Compliance

SEMESTER 4

- Penetration Testing & Ethical Hacking
- Web Application Security
- Intrusion Detection and Prevention Systems
- Cyber Forensics and Incident Response

YEAR 3

SEMESTER 5

- Security Policies and Governance
- Web and Cloud Data Technologies
- Applied Cybersecurity Capstone Project

SEMESTER 6

- Industry Attachment
- Advanced Malware Analysis (Elective)
- Mobile and Wireless Security (Elective)
- AI and Machine Learning for Security (Elective)
- Cloud Security Architecture (Elective)

ENTRY REQUIREMENTS

1. At least 5 "O" Level / BGCSE subjects with passes in Maths, English, and Computer-related subjects with at least 30 Points.
2. Certificate IV (NCQF Level 4) or equivalent qualification in Information Technology or a related discipline.
3. Recognition of Prior Learning (RPL) shall be applied in accordance with the institution's approved RPL Policy and NCQF guidelines.

CAREER OPPORTUNITY

1. Cybersecurity Analyst
2. SOC Analyst
3. Penetration Tester
4. Cloud Security Specialist
5. Incident Response Analyst
6. Digital Forensics Investigator
7. Information Security Officer
8. Security Consultant



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“ The Future Belongs To Those Who Learn Today. ”



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Broadhurst, Gaborone



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BOTSWANA
Qualifications Authority

ACCREDITED
INSTITUTION



DIPLOMA
PROGRAMMES



PROFESSIONAL
SHORT COURSES



ROBOTICS
& AI



CYBER
SECURITY



DATA SCIENCE
& ANALYTICS



INNOVATION
& TECHNOLOGY

BOTSWANA'S INNOVATION COLLEGE

LEARN • BUILD • INNOVATE • TRANSFORM