



# IT CENTER

## DIPLOMA IN INFORMATION TECHNOLOGY

### 2026 PROSPECTUS

 +266 5680 2145

 2231 4867

 IT Center

 [info@itcenter.co.ls](mailto:info@itcenter.co.ls)

SEIPOBI new building  
second floor, opposite  
SEFIKA COMPLEX  
MASERU 100



# ABOUT IT CENTER



**IT Center is a private school of technology accredited by Ministry of Education and Training Lesotho, which equips students with technical knowledge related to industrial market.**

## **Why Choose IT Center?**

- **Accredited Programs:** Ensure your education is recognized and respected in the job market.
- **Industry-Relevant Skills:** Our curriculum is continuously updated to reflect the latest technological advancements and market demands.
- **Supportive Environment:** We prioritize student success through personalized guidance and mentorship.



# ABOUT IT CENTER

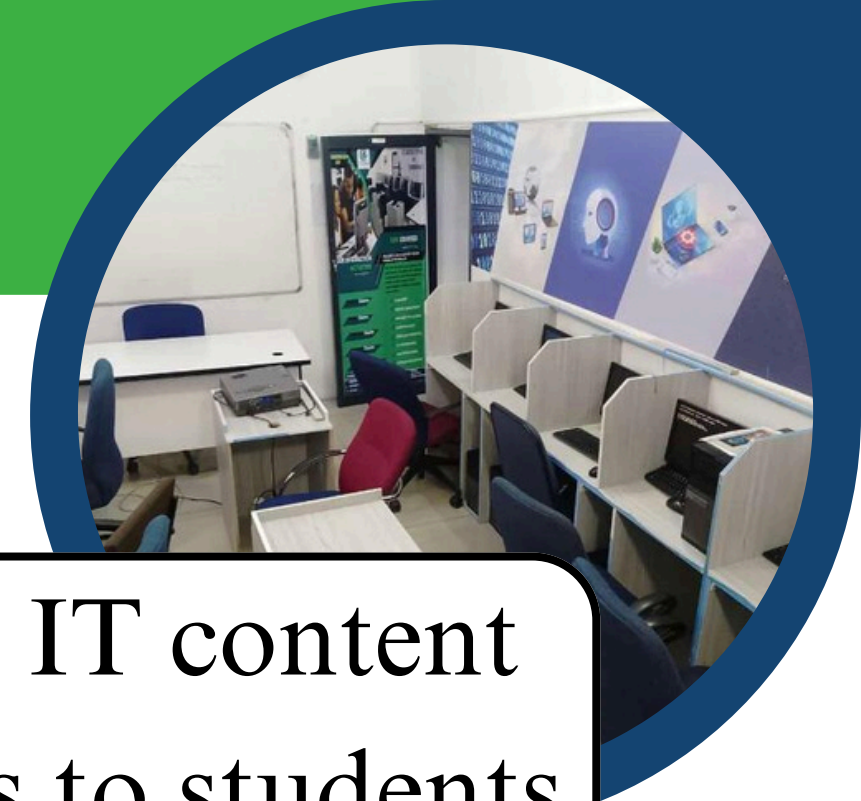
## VISION

To establish a standard and world class IT School whose services and brand will not only be accepted in Maseru but also in other districts across the country.

## MISSION

To provide professional IT content and other related services to students in order to produce the best competitive candidates.

- To encourage higher-level of thinking and creativity through ICT.
- To deliver students with a learning experience and ability in industrial technology
- To promote computer based educational resources.



# OUR COURSE

COMMUNICATION SKILLS

COMPUTER INTRODUCTION

WEB DEVELOPMENT

DATABASE MANAGEMENT

COMPUTER NETWORKING

C++ PROGRAMMING

CYBER SECURITY

INTRODUCTION TO AI

CLOUD COMPUTING

MULTIMEDIA DESIGN

COMPUTER MATHS

PYTHON PROGRAMMING

BUSINESS  
ENTREPRENEURSHIP

FINAL PRACTICAL  
PROJECT

PROFESSIONAL  
INTERNSHIP

# COMMUNICATION SKILLS

## Learning Outcomes

- Demonstrate effective oral and written communication skills.
- Apply active listening techniques in professional contexts.
- Use appropriate verbal and non-verbal communication strategies.
- Communicate effectively with diverse audiences.
- Produce clear and professional workplace documents.
- Deliver structured and effective presentations.
- Apply communication skills in teamwork and workplace interactions.
- Demonstrate professional and ethical communication practices

# COMPUTER INTRODUCTION

## **Learning Outcomes**

- Identify basic computer hardware and software components.
- Explain fundamental computer concepts and terminology.
- Use an operating system to manage files and folders.
- Apply basic skills in common computer applications.
- Demonstrate safe, ethical, and responsible computer use.
- Perform basic troubleshooting of common computer issues.
- Use computers effectively for academic and workplace tasks.

# C++ PROGRAMMING

## Learning Outcomes

- Understand and apply basic programming concepts in C++
- Develop proficiency in using control structures and functions
- Gain a solid foundation in object oriented programming
- Learn to manage dynamic memory and use advanced features of C++
- Implement data structures and algorithms using C++
- Develop problem-solving and debugging skills. **PREREQUISITES**  
Basic understanding of computer operation

# MULTIMEDIA DESIGN

## Learning Outcomes

- 
- Explain fundamental concepts of multimedia design.
- Use multimedia tools to create visual and digital content.
- Apply design principles such as layout, color, and typography.
- Create and edit graphics, audio, and basic video content.
- Develop simple multimedia projects for digital platforms.
- Apply creativity and problem-solving in design tasks.
- Demonstrate ethical and professional practices in multimedia design

# WEB DEVELOPMENT

## Learning Outcomes

- Understand software engineering and application development, software engineering principles, software engineering methodologies, phases of software development processes, difference between static & dynamic websites and importance of responsive design
- Knowledge in web development technologies (HTML, CSS, JavaScript, PHP, SQL, XAMPP, Visual Studio Code, Git/GitHub)
- Frontend develop using Bootstrap framework, Backend development using PHP programming language, configure database connectivity, database management basics & SQL queries
- Web application security

# PYTHON PROGRAMMING

## Learning Outcomes

- Understand software engineering and application development, software engineering principles, software engineering methodologies, phases of software development processes
- Setting up Python environment, syntax and structure, keywords, comments, variables, operators, datatypes, control statements, loops, input/output operations
- Understand functions, Concepts of OOPs in Python
- Exception Handling in Python and packages or libraries in Python
- Knowledge of Flask framework and software security
- Database connectivity in Python and SQL queries

# COMPUTER NETWORKING

## Learning Outcomes

- Computer networking and how it affects people in their day to day activities, network topologies and different type of networks
- Knowledgeable in network media(cabling) and devices
- OSI model and TCP/IP, Network Protocols and Communication , wireless networking, basics of network security and different types of hackers with their motivation, IP addressing and Subnetting
- Ability to use CISCO Packet Tracer for network designing
- Network devices configuration, and troubleshooting network connectivity

# CYBERSECURITY ESSENTIALS

## Learning Outcomes

- Understand fundamental cybersecurity concepts
- Identify common cybersecurity threats
- Understand Kali Linux OS and Window OS and others
- Understand types of networks, network protocols
- Understand network security tools
- Understand penetration testing tools
- Understand endpoint security, password management tools
- Understand legal and ethical issues in cybersecurity
- Understand cryptography basics
- Understand generative AI and blockchain basics

# IT SUPPORT

## Learning Outcomes

- Understand different types of computers, computer hardware and software components, re-assemble a computer
- Computer hardware & software installation and configuration
- Grasping computer networking basics, knowledge of security forensics, addressing common software, hardware, connectivity issues and troubleshooting
- Learn core technologies such as cloud infrastructure, IOT device security, types of cables and connectors, computer repairs and maintenance

# DATABASE MANAGEMENT

## **Learning outcomes**

- Understand the fundamentals of database
- Learn database models
- Ability to develop SQL skills
- How to create and Manage a database
- How to create tables, SQL statements, insert, Update and delete Records
- How to work with Functions and view
- How to code procedures and triggers
- Ability to design, implement and manage projects relating to DBMS

# INTRODUCTION TO AI

## Learning outcomes

- Understand the fundamental concepts and definitions of AI including its history, core philosophies, and approaches to intelligence
- Apply search algorithms and logic-based reasoning to solve complex AI problems.
- Use propositional and first-order logic to represent and infer knowledge in intelligent systems.
- Develop classical AI planning solutions and analyze planning algorithms.
- Build and evaluate supervised and unsupervised machine learning

# CLOUD COMPUTING

## Learning outcomes

- Define cloud computing and explain its importance in modern IT environments.
- Describe the characteristics and advantages of cloud computing.
- Understand the difference between traditional IT infrastructure and cloud-based solutions
- Explain the different service models: Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS)
- Understand key concepts in cloud security, privacy, and compliance
- Discuss emerging trends and the future of cloud computing

# COMPUTER MATHS

## Learning outcomes

- Apply basic mathematical concepts used in computing.
- Perform numerical calculations relevant to computer applications.
- Use algebraic expressions and formulas to solve computing problems.
- Apply logical and problem-solving techniques in computational tasks.
- Interpret graphs, data, and basic statistical information.
- Use mathematical reasoning in algorithmic and programming contexts.
- Demonstrate accuracy and efficiency in mathematical

# ADMISSION REQUIREMENTS

Join us at IT Center school of technology to learn basic and an advance skills in Information Technology.



## ENTRY REQUIREMENTS

- Full LGCSE/COSC Certificate with pass in Maths or Science and any three (3) other subjects
- **Career opportunities:** IT Support specialist, Network Technician, Cybersecurity technician, Software Tester, Database Assistant, etc.

Acceptance Fee : M300.00



Standard  
Lesotho  
Bank



FNB  
First National Bank



m-pesa

EcoCash  
Spache - Fono



# FEE STRUCTURE

## DIPLOMA IN INFORMATION TECHNOLOGY

**DURATION: 3 YEARS**

**PER  
MONTH**

**QUATERLY**

**ANNUALLY**

**IF PAID ALL  
AT ONCE**

YEAR 1

M1500.00

M4500.00

M18 000.00

M15 000.00

YEAR 2

M1500.00

M4500.00

M18 000.00

M15 000.00

YEAR 3

M1500.00

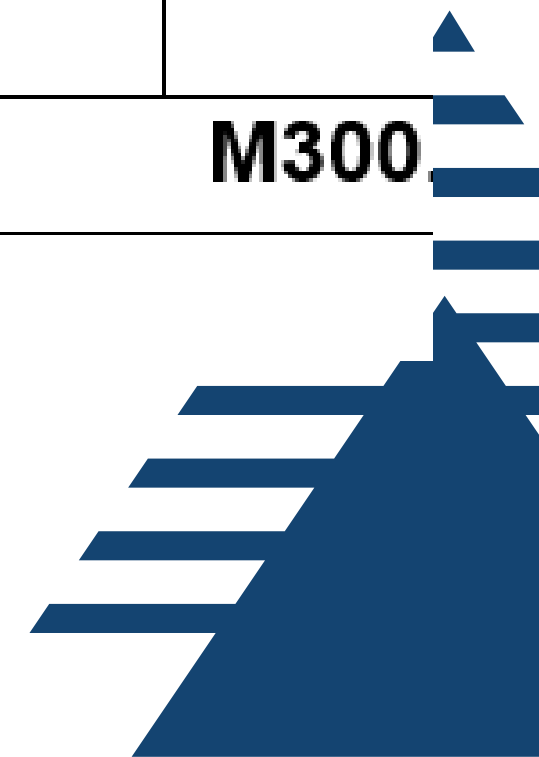
M4500.00

M18 000.00

M15 000.00

**ACCEPTANCE FEE**

**M300**



# CONTACT US



+266 56802145



22314867



IT Center



info@itcenter.co.ls



SEIPOBI new building  
second floor, opposite  
SEFIKA COMPLEX  
MASERU 100

