Lincoln University of Eswatini (LUE)

Faculty of Computing and Emerging Technologies

PROSPECTUS

Diploma in Cloud Computing and Cyber Security

(DCC&CS)

Secure the Cloud. Defend the Future.

2 Years | 4 Semesters | 60 Credits per Semester | 240 Total Credits | ESQF Level 5

ACCREDITATION STATUS: This programme has been developed by LUE in accordance with Eswatini Higher Education Council (ESHEC) Programme Approval Standards and is being submitted to ESHEC for accreditation. Prospective applicants should confirm the current accreditation status of this programme with LUE's Admissions Office before enrolling.

September 2026

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WELCOME

The Diploma in Cloud Computing and Cyber Security (DCC&CS) trains you deeply in the two technical skills Africa's employers say they need most and can find least: cloud infrastructure and cybersecurity — not as brief topics within a general IT diploma, but as a genuine, sequential specialisation.

Why Study DCC&CS at LUE?

- Cybersecurity and cloud integration are consistently ranked among the most in-demand, hardest-to-fill technical skills across Africa.
- A dedicated sequence — networking → cloud infrastructure → cloud platform administration → ethical hacking → cloud security — most regional diplomas don't offer at this depth.
- Benchmarked against real industry certification tracks (AWS, Microsoft Azure, CompTIA, Cisco), so your skills map directly to what employers recognise.
- The same articulation pathway as LUE's DIT&ET Diploma: score 60% or better and progress into Year 3 of the BIT&ET Bachelor's degree.

PROGRAMME AT A GLANCE

Award:	Diploma in Cloud Computing and Cyber Security
Faculty:	Faculty of Computing and Emerging Technologies
Duration:	2 Years | 4 Semesters | 60 Credits per Semester | 240 Total Credits | ESQF Level 5
Total Credits:	240 credits
ESQF Level:	Level 5
Mode of Study:	Full-Time, Campus Learning
Number of Modules:	16 modules
Practical/Workplace Learning:	One Work-Integrated Learning placement (Semester 4) plus a Diploma Project
Progression Pathway:	60% overall average → direct entry to Year 3 of LUE's BIT&ET Bachelor's degree

ENTRY REQUIREMENTS

- Five (5) O-Level credits/passes, including English Language and Mathematics, each at Grade C or better.
- No A-Level qualification is required.

International qualifications are accepted subject to LUE's equivalency assessment and Eswatini Qualifications Authority (EQA) confirmation. Mature applicants without the standard qualifications may apply via LUE's Recognition of Prior Learning (RPL) process. All applicants remain subject to LUE's Admissions Committee decision, which may apply additional selection criteria where places are limited.

PROGRAMME STRUCTURE

240 credits over 2 years (4 semesters): networking and systems foundations, then cloud infrastructure, cybersecurity and ethical hacking.

Semester 1

Module	Credits
Foundations of Programming	15 cr.
Computer Systems and Networking Fundamentals	15 cr.
Mathematics for Computing	15 cr.
Professional Communication and Digital Study Skills	15 cr.

Semester 2

Module	Credits
Operating Systems and Linux Administration	15 cr.
Database Fundamentals	15 cr.
Networking Fundamentals II (Routing and Switching)	15 cr.
Introduction to Cloud Computing	15 cr.

Semester 3

Module	Credits
Cloud Infrastructure and Virtualization	15 cr.
Introduction to Cybersecurity	15 cr.
Cloud Platform Administration	15 cr.
Network Security Fundamentals	15 cr.

Semester 4

Module	Credits
Ethical Hacking and Penetration Testing	15 cr.
Cloud Security and Compliance	15 cr.
Work-Integrated Learning (Industrial Attachment)	15 cr.
Diploma Project in Cloud Computing and Cyber Security	15 cr.

Full Course Learning Outcomes, weekly teaching schedules and reading lists for every module are available in LUE's Detailed Course Outlines for this programme, available on request from the Admissions Office.

WHAT YOU'LL LEARN

Networking and Systems Foundations

Computer Systems and Networking Fundamentals, Operating Systems and Linux Administration, and Networking Fundamentals II (Routing and Switching).

Cloud Specialisation

Introduction to Cloud Computing, Cloud Infrastructure and Virtualization, and Cloud Platform Administration on a major public cloud platform.

Cybersecurity Specialisation

Introduction to Cybersecurity, Network Security Fundamentals, Ethical Hacking and Penetration Testing, and Cloud Security and Compliance.

CAREER AND FURTHER-STUDY PATHWAYS

DCC&CS graduates are prepared for immediate technician-level employment in two of the region's most in-demand fields:

- Cloud support / cloud administration technician
- Cybersecurity analyst (junior)
- Network security technician
- IT security operations (SOC) support
- Progression to Year 3 of the BIT&ET Bachelor's degree

Progression to Further Study

Graduates achieving an overall average of at least 60%, with no module below 50%, may apply for direct entry into Year 3 (Semester 5) of LUE's BIT&ET Bachelor's degree, with credit recognised most directly against BIT&ET's own Cybersecurity and Network Defence and Cloud Infrastructure and DevOps modules.

ASSESSMENT AND GRADING

Every module is assessed using LUE's standardised, criterion-referenced rubrics, moderated internally and, for capstone/thesis/dissertation components, externally examined. Marks are converted to a letter grade and grade point on LUE's institution-wide scale:

Percentage Mark	Letter Grade	Grade Point	Interpretation
80–100	A+	4.00	Exceptional
70–79	A	4.00	Excellent
60–69	B	3.00	Very Good
50–59	C	2.00	Good
45–49	D	1.00	Pass
0–44	F	0.00	Fail

Award Classification

Classification	Weighted Average
Distinction	70% and above
Merit	60% – 69%
Pass	50% – 59%

HOW TO APPLY

- Submit a completed LUE application form, available from the Admissions Office or LUE's website.
- Attach certified copies of academic transcripts and certificates evidencing the entry requirements set out above.
- Attach a certified copy of your national identity document or passport.
- Pay the non-refundable application fee specified by LUE's Finance Office.
- Attend an admissions interview or assessment, where required for this programme.

Applications are considered by LUE's Admissions Committee, and successful applicants receive a formal offer of a place, conditional upon final confirmation of qualifications and, where applicable, ESHEC accreditation status at the time of enrolment.

Contact

Faculty:	Faculty of Computing and Emerging Technologies

Office:	LUE Admissions Office

This prospectus is accurate as of the date shown on the cover page and is provided for general information. It does not form part of any contract between LUE and an applicant. Programme content, fees and accreditation status are confirmed at the point of offer.