

Your path to *data centres.*

Everything you need to know to start your data centre journey with IBTC, from your first credential to facilities leadership, plus corporate training for teams.

THE BIGGEST INDUSTRY OF TOMORROW

The fastest-growing career you've *never considered.*

Data centres power everything digital, and Africa's buildout is one of the fastest in the world. The facilities are being built quicker than people can be trained to run them. Certified, site-ready skills are the scarcest asset in the market. **That gap is your opportunity.**

3.5 to 5.5x

MORE DATA CENTRE CAPACITY NEEDED IN AFRICA BY 2030

1.5–2.2 GW

DEMAND NEEDED BY 2030

Data centre capacity demand is growing at roughly 22% a year, making it one of the fastest growing industries in the world.

\$20–30 billion

REVENUE POOL BY 2030

The internet economy is set to reach 5.2% of Africa's GDP, up from 1.1%. Over 40% of corporates are already piloting AI in the workplace.

Only 40%

UTILISATION VS 80% GLOBALLY

African facilities run far below the global norm. The missing piece is not hardware, it's certified, work-ready operators.

THE TRAJECTORY

Demand is set to *quadruple* by 2023



FIG. 01 – AFRICA DATA CENTRE CAPACITY DEMAND
McKINSEY, 2025

WHERE THE JOBS ARE

Every megawatt needs *people.*

- 01 Facility & critical-environment technicians
- 02 Data centre operations & shift engineers
- 03 Facilities operations specialists & managers
- 04 Design, build & commissioning roles

*There is no shortage of talent,
there is a shortage of *work-readiness.**

Certified, site-ready skills are the scarcest asset in the market. **That gap is your opportunity.**

THREE LEVELS • PLUS CORPORATE TRAINING

The certification *pathway.*

Three certification levels to take you from your first credential to facilities leadership, each building on the last. For operators and employers, a corporate programme trains whole cohorts. Every course includes one exam sit, unlimited tutor support and recruitment access.

01

Foundation Level — DCCA®

SCHNEIDER ELECTRIC

Your entry credential into digital infrastructure. Self-paced, start anytime, no experience required.

DETAIL ON
PAGE 04

02

Intermediate Level — CDCA®

EPI • ACCREDITED BY EXIN

Practical, industry-aligned fluency in how data centres are designed, built and operated.

DETAIL ON
PAGE 05

03

Professional Level — CDCP® • CDFOS® • CDFOM®

EPI • ACCREDITED BY EXIN

Three senior credentials — practitioner, operations specialist and facilities manager.

DETAIL ON
PAGES 06–08

+

Corporate Training — DCCA I & II

SCHNEIDER + EPI / EXIN • FOR TEAMS

A sponsored, double-certified training-to-employment pipeline for industry partners.

DETAIL ON
PAGE 09

1×

Exam sit included

With every course, at every level

∞

Unlimited tutor support

Plus a personal course monitor

→

Recruitment access

Specialist data-centre placement

Not sure where you fit?

We'll match your experience to the right level — and plan the route from there.

[EMAIL INFO@IBTC.CO.ZA →](mailto:info@ibtc.co.za)

FOUNDATION LEVEL • DCCA® • Schneider Electric University

Launch your career in *digital infrastructure*

The **Data Centre Certified Associate** is your entry point into the data centre industry. This is a globally recognised credential awarded by Schneider Electric University. No prior experience needed, start anytime and finish in 2 to 3 weeks.



ONE COURSE • 21 HOURS • SELF-PACED

What the DCCA® covers

01

How a data centre works

Cover the anatomy of a facility, the IT space, power systems and backup, cooling, racks and cabling, and physical security. Learn what every system does, and why it matters to uptime.

MODULE
Fundamentals

02

How it's run day to day

Operations in practice. Explore monitoring, maintenance, energy efficiency and the disciplines that keep a live facility available around the clock.

MODULE
Operations

03

Prove it with the exam

A closed-book, multiple-choice exam you sit when you're ready. Your result is available the moment you finish, and the credential never expires.

ASSESSMENT
100 Q • 2 hrs • 70%

WHO IT'S FOR

- 01 **Students & graduates** — a first credential that opens a technical career without a degree requirement.
- 02 **Career switchers** — from electrical, HVAC, IT support or facilities work into a growth industry.
- 03 **The technically curious** — no prior experience needed; just an interest in how digital infrastructure works.

HOW IBTC SUPPORTS YOU

- Self-paced with a structured study plan — finish in 2–3 weeks, or as little as 3 days
- Unlimited tutor support and a personal course monitor from day one
- Exam sit included — result on screen the moment you finish
- Specialist data-centre recruitment access when you pass

DCCA®

START
Anytime

STUDY LOAD
21 hrs

EXAM
100 Q • 2 hrs

PASS MARK
70%

VALIDITY
No expiry

FEE
R5,950

■ INTERMEDIATE LEVEL • CDCA® • EXIN

Take the next step in *data centre expertise*

The **Certified Data Centre Associate** builds practical, industry-aligned knowledge of how data centres are designed, built and operated, including AI-ready environments, over three months of live, tutor-led classes.



ONE COURSE • 3 MONTHS • LIVE ONLINE

What the CDCA® covers

01

How facilities are designed and built

Site selection, standards and tiers, power and cooling architecture, cabling and floor design - these are the decisions that shape a facility before it's switched on, including AI-ready builds.

FOCUS
Design & build

02

How they stay up

Maintenance regimes, monitoring, safety and security practice, and the operational discipline behind 99.995% availability, taught live by tutors who work in the industry.

FOCUS
Operations

03

Prove it with the exam

A closed-book, multiple-choice exam sat on completion. Awarded by EPI and accredited by EXIN. This certification is recognised by employers worldwide.

ASSESSMENT
120 Q • 2.5 hrs • 70%

WHO IT'S FOR

- 01 **DCCA® graduates** — the natural next step up from the foundation level.
- 02 **Technicians & engineers** — formalising hands-on experience into a recognised credential.
- 03 **Facilities & IT staff** — working in or around data centres and ready to specialise.

HOW IBTC SUPPORTS YOU

- 40 hours of live, tutor-led classes — twice a week, evenings
- eBook and full digital course material included
- Unlimited tutor support and a personal course monitor
- EPI CDCA® exam sit and recruitment access included

CDCA®

START
Feb & Jul

DURATION
3 months

EXAM
120 Q • 2.5 hrs

PASS MARK
70%

VALIDITY
3 years

FEE
R18,000

PROFESSIONAL LEVEL • CDCP® • EXIN

The working credential for *data centre professionals*

The Certified Data Centre Professional deepens your practical understanding of the full facility stack. Ideal for professionals stepping into higher technical and operational roles in mission-critical environments.



ONE COURSE • 2 DAYS • LIVE ONLINE

What the CDCP® covers

01

Deep dive into the full stack,

Power, cooling, redundancy and resilience - the design choices behind availability, and how standards and tiers translate into real facilities.

FOCUS
Infrastructure

02

Operate with confidence

Capacity planning, monitoring, maintenance strategy and risk - the judgement calls that keep a live environment stable under pressure.

FOCUS
Operations

03

Prove it with the exam

A closed-book, multiple-choice exam sat on completion. Awarded by EPI and accredited by EXIN. This certification is recognised by employers worldwide.

ASSESSMENT
40 Q • 1 hr • 27/40

WHO IT'S FOR

- 01 **Practising professionals** — data centre, IT or facilities staff advancing their expertise.
- 02 **CDCA® graduates** — progressing from the intermediate level.
- 03 **Engineers & technicians** — working in or moving into mission-critical environments.

HOW IBTC SUPPORTS YOU

- A seat at the official EPI virtual instructor-led course (VILT)
- Official EPI eBook and course material included
- Two full days of live, expert-led classes
- EPI CDCP® exam sit and recruitment access included

CDCP®

START
Monthly

DURATION
2 days

EXAM
40 Q • 1 hr

PASS MARK
27/40

VALIDITY
3 years

FEE
R22,000

PROFESSIONAL LEVEL • CDFOS® • EXIN

Master mission-critical *facility operations*

The Certified Data Centre Facilities Operations Specialist builds advanced, practical command of the operations floor, overseeing facility operations, minimising risk and ensuring continuous performance.



ONE COURSE • 3 DAYS • LIVE ONLINE

What the CDFOS® covers

01

Run the floor

Day-to-day facility operations in depth — maintenance regimes, procedures, vendor and contractor management, and operational documentation.

FOCUS
Operations

02

Minimise risk

The disciplines behind uptime — incident handling, safety and security practice, and continuous performance in high-availability environments.

FOCUS
Risk & uptime

03

Prove it with the exam

A closed-book, multiple-choice exam sat on completion. Awarded by EPI and accredited by EXIN. This certification is recognised by employers worldwide.

ASSESSMENT
60 Q • 1.5 hrs • 42/60

WHO IT'S FOR

- 01 **Operations & facilities professionals** — responsible for live data centre environments.
- 02 **CDCP® graduates** — progressing to the specialist tier.
- 03 **Engineers & technicians** — accountable for critical infrastructure day to day.

HOW IBTC SUPPORTS YOU

- A seat at the official EPI virtual instructor-led course (VILT)
- Official EPI eBook included
- Three full days of live, expert-led classes
- EPI CDFOS® exam sit and recruitment access included

CDFOS®

START
Every 2–3 monthsDURATION
3 daysEXAM
60 Q • 1.5 hrsPASS MARK
42/60VALIDITY
3 yearsFEE
R32,000

PROFESSIONAL LEVEL • CDFOM® • EXIN

Lead the teams *behind uptime*

The **Certified Data Centre Facilities Operations Manager** equips leaders to plan, operate and monitor high-availability facilities, reducing unscheduled downtime and driving operational performance.



ONE COURSE • 3 DAYS • LIVE ONLINE

What the CDFOM® covers.

01

Plan & lead operations

Organising the facilities function — staffing and shift structure, budgets, SLAs and the management systems behind a high-availability operation.

FOCUS
Leadership

02

Own the uptime promise

Measuring and reporting performance, managing incidents and change, and driving down unscheduled downtime across the facility.

FOCUS
Performance

03

Prove it with the exam

A closed-book, multiple-choice exam sat on completion. Awarded by EPI and accredited by EXIN — recognised by employers worldwide.

ASSESSMENT
60 Q • 1.5 hrs • 42/60

WHO IT'S FOR

- 01 **Facilities & operations managers** — running data centre facility teams.
- 02 **CDFOS® specialists** — stepping up into management.
- 03 **Team leads** — accountable for mission-critical operations and their people.

HOW IBTC SUPPORTS YOU

- A seat at the official EPI virtual instructor-led course (VILT)
- Official EPI eBook included
- Three full days of live, expert-led classes
- EPI CDFOM® exam sit and recruitment access included

CDFOM®

START
Every 2–3 monthsDURATION
3 daysEXAM
60 Q • 1.5 hrsPASS MARK
42/60VALIDITY
3 yearsFEE
R32,000

Prepare your team for *the data centre era*



CORPORATE
TRAINING
PROGRAMMES

The IBTC Data Centre Academy trains whole cohorts to a double-certified, work-ready standard. Put your own people through the programme to formalise and deepen their skills, or grow your team with candidates from our screened pool.

01

Enrol your cohort

Nominate the team members you want to develop, or add candidates from IBTC's screened pool. We manage onboarding, classes and certification end-to-end.

INTAKES

On-demand, year-round

02

Train & double-certify

Your team complete **DCCA I** Schneider Electric University fundamentals (±3 weeks, incl. site visit), then **DCCA II** EPI/EXIN advanced operations (3 months, live classes twice a week) while working.

CERTIFICATIONS

Schneider DCCA® + EPI CDCA®

03

Apply it on the floor

A structured, supervised 3-week practical placement embeds the training in a live facility, *your own, or a partner site*, so the skills land where they're used.

PRACTICAL

3 weeks, on-site

STAGE 01 • ±3 WEEKS

Schneider Electric
University

DCCA I — *fundamentals*

Infrastructure foundations across power, cooling, racks and physical security. Structured online tuition with live tutorials and a half-day data centre site visit.

Awards the Schneider Electric DCCA® certification

STAGE 02 • 3 MONTHS

EXIN

DCCA II — *advanced operations*

In-depth operational and design knowledge with live classes twice a week, a personal course monitor and unlimited tutor support. Includes 3-week practical placement in a DC.

Awards the EPI CDCA® certification

WHY PARTNER WITH IBTC

- Turn in-house experience into globally recognised, double certification
- Train while they work — live evening classes, no downtime on the floor
- One standard across the whole team — shared vocabulary and practice

WHAT IBTC HANDLES

- Candidate sourcing and screening, where required
- All training, certification and academic support end-to-end
- Structured internship logbooks, supervision and quality assurance

INVESTMENT • INTRODUCTORY OFFER

\$1,300 *per candidate*

Covers both training stages, two certifications per person, the practical placement structure and ongoing academic support.

[UPSKILL YOUR TEAM → NIKKI@IBTC.CO.ZA](mailto:NIKKI@IBTC.CO.ZA)

READY WHEN YOU ARE

Let's start your *data centre journey.*

STUDENTS • EMAIL US

info@ibtc.co.za

OR CALL

0861 111 411

CORPORATE & PARTNER ENQUIRIES

nikki@ibtc.co.za — sponsor a cohort, host interns, hire graduates.

FINANCING AVAILABLE

We've partnered with Student Hero — ask about financing on enrolment.

Success is on your side.

IBTC.CO.ZA • SANDTON • CAPE TOWN