



OCCUPATIONAL CERTIFICATE

CLOUD ADMINISTRATOR

The Cloud Administrator program prepares you for a crucial role in modern technology, equipping you to implement and manage cost-effective, high-performing cloud-based systems. This QCTO-accredited qualification focuses on essential technical competencies, including migrating local infrastructure to the cloud, effectively monitoring and troubleshooting cloud platforms and ensuring seamless service delivery. A core component involves maintaining robust security protocols to protect cloud environments from unauthorized access and threats. Furthermore, the program integrates vital workplace skills, covering performance management, business planning, product costing and ethical behavior, ensuring graduates possess both the technical expertise to work alongside cloud engineers and the professional acumen to navigate the industry.

Program Outline

- Introduction to Cloud Computing
- Cloud Computing Elements
- Containers, Cloud Native and Kubernetes
- Cloud Security, Risks, Vulnerabilities and Mitigation
- Data and Databases in the Cloud
- Fundamentals of Cloud Computing Platforms
- Introduction to Cloud Computing Governance, Legislation and Ethics
- 4th Industrial Revolution (4IR) and Future Skills
- Design Thinking Principles for Innovation

Program Details

Program Type: Occupational Certificate

SAQA ID: 118699

NQF Level: 4

Credits: 149

Study Mode: Online or classroom

Duration: 30 days/18 months

Accreditation Partner:



Further Information



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