

MODULE	REASON FOR THE MODULE	KEY LEARNING AREAS	LEARNING OUTCOMES
1. Understanding Digital Infrastructure Fundamentals (Contact)	Many aspiring entrepreneurs lack foundational knowledge of digital infrastructure, which is crucial for launching and scaling technology-driven businesses.	Network Architecture (Fiber, Wireless, Hybrid)- Cloud Computing (Public, Private, Hybrid; IaaS, PaaS, SaaS)- Data Center Design and Management- Cybersecurity & Data Privacy (GDPR, POPIA)	Participants will gain a comprehensive understanding of key digital infrastructure technologies and systems. They will be able to assess and design appropriate digital platforms for their ventures, including secure and scalable networks and cloud systems.
2. Business Model Development (Virtual)	Entrepreneurs need to build sustainable business models tailored to digital infrastructure sectors, but often lack strategy in pricing, market analysis, and competition.	Identifying Market Opportunities- Revenue Models (Subscription, Pay-per-Use)- Market Analysis and Customer Segmentation- Competitive Landscape Analysis	Candidates will learn to analyze market dynamics, identify viable opportunities, develop and evaluate business models, and position their ventures competitively within the digital infrastructure space.
3. Leveraging Artificial Intelligence in Digital Infrastructure (Contact)	AI is transforming digital infrastructure, but entrepreneurs often struggle to understand how to integrate it effectively.	Fundamentals of AI (ML, Neural Networks, Deep Learning)- Generative & Agentic AI- AI in Infrastructure: Predictive Maintenance, Network Mgmt, Automation- Case Studies & Challenges	Participants will be equipped to apply AI technologies in digital infrastructure for performance optimization, smarter analytics, and automated operations. They'll also understand AI implementation challenges and solutions.
4. Entrepreneurial Aspects (Virtual)	To succeed, digital infrastructure startups require sound business planning, funding, compliance, and strong teams, yet many entrepreneurs overlook these elements.	Business Plan Development- Funding Strategies (VCs, Angel Investors)- Regulatory Compliance (Licensing, Data Protection)- Team Building and Talent Acquisition	Learners will be able to craft compelling business plans, identify suitable funding options, ensure legal and regulatory compliance, and build high-performance startup teams.
5. Case Studies and Practical Applications (Contact)	Practical experience and exposure to real-world digital infrastructure environments reinforce theoretical knowledge and enhance skills.	Analysis of Digital Infrastructure Startups (e.g. DigiClean)- Industry-Specific Infrastructure Projects- Emerging Market Challenges- Data Centre & Network Immersions (Local and International)	Participants will develop applied knowledge by exploring successful case studies, designing contextualized infrastructure projects, and gaining direct exposure to data centers and digital networks across Africa and globally.