



Education, Training and Development Practices Sector Education and Training Authority

ETD Sector Skills Plan

2027/2028

Emerging Occupations

AT THE CUTTING EDGE OF SKILLS DEVELOPMENT

Table 1: Emerging Occupations

Subsector	OFO Code	Emerging Occupations	Rationale for the Emerging Occupation	Interventions planned by the SETA
NGOs	2021-242401 - Training and Development Professional	E-Learning Facilitator	Increased demand for virtual learning specialists to provide affordable, accessible education across demographics.	Bursaries: for NGO practitioners to obtain qualifications in e-learning and educational technology.
Schooling	2021-233107 - FET Phase School Teacher Grades 10-12	AI Specialist	The rapid adoption of AI across education, business, and government.	Skills Programmes: AI Literacy & Digital Foundations, Applied AI in Education
		Coding and robotics instructors	The introduction of coding and robotics into the South African school curriculum.	Skills Programmes: for educators to gain workplace exposure with ICT and EdTech companies
		e-Learning Coordinator / Digital Learning Specialist	Increased need for digital learning management, online coordination, and technology integration in schools.	Skills Programmes: On digital teaching methodologies
		Engineering, Graphics and Design (EGD) teacher	Increased demand for STEM education and technical skills to improve teaching quality, digital competency.	Bursaries: in CAD, 3D printing, simulation software, and smart manufacturing technologies.
	2021-532905 - Therapy Aide	Remedial Therapists	Prominent increase in learning barriers and inclusive education to improve learner outcomes and strengthen institutions' ability to address diverse educational needs.	Bursaries: for remedial therapists
	2015-234101 - Foundational Phase School Teacher	Coding and robotics	Increase in South Africa's growing demand for specialised digital expertise.	Skills Programmes: Coding & Robotics
		Foundation Phase Teachers, especially with skills in reading comprehension and inclusive education.	Goal 1 of the Master Skills Plan: Improve Early Learning and Schooling Outcomes to strengthen literacy, numeracy, and play-based learning.	Skills Programmes: inclusive education skills programmes focusing on differentiated teaching and assistive technologies. Skills programmes in reading comprehension

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Private HEIs	2022-242101 - Management Consultant	Data Scientist/Analyst	Increased reliance on data-driven decision-making, student analytics, performance monitoring, and digital systems management.	Bursaries: For postgraduate qualifications in data science, analytics, and business intelligence.
	2021-231101 - University Lecturer	4 IR/AI Facilitators	Integration of artificial intelligence, robotics, automation, and digital innovation into education and workplace training has created demand for specialised facilitators.	Skills Programmes: Implement facilitator upskilling programmes focused on AI literacy, robotics, machine learning, automation, and digital transformation.
	2021-235101 - Education or Training Advisor	E-Learning/Instructional Designer	Increased demand for professionals who can design structured, engaging, and effective digital learning experiences.	Skills Programmes: in Learning Management Systems (LMS), multimedia content creation, UX design, and online assessment strategies.
Public HEIs	2019-231101 - University Lecturer	Lecturers in ICT specialising in Artificial Intelligence	Growing demand for AI education, coding, machine learning, and digital innovation within higher education institutions.	Partnerships (Research Chair): AI-focused occupational qualifications and micro-credentials with universities and QCTO. Bursaries: On specialised AI lecturer development programmes and postgraduate bursaries (Master's and PhD level). Skills Programmes: on AI ethics, machine learning, prompt engineering, and AI curriculum design.
		Renewable Energy and Sustainability Lecturers	Increased demand for lecturers with expertise in sustainability and renewable energy to support education, skills development, and research.	Bursaries: for lecturers in renewable energy technologies, sustainability management, and green economy practices.
		Big Data Analysts	Increased demand for big data expertise, driving the need for lecturers to support skills development and research in	Skills Programmes: for specialised lecturer certification programmes in big data tools such as Python, SQL, Power BI, and data visualisation.

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			education and training.	
TVET	2021-232132 - College Lecturer	Lecturers in QCTO Qualifications	Introduction of occupational qualifications. Goal 3: Align Post-School Education and Training (PSET) with Skills Demand	Partnerships (Research Chair): Focused on curriculum alignment, accreditation readiness, and workplace-based learning programmes.
		Lecturers focusing on digital literacy, Industry 4.0 skills, and green economy skills	Goal 3: Align Post-School Education and Training (PSET) with Skills Demand	Bursaries: in coding, robotics, artificial intelligence, cybersecurity, cloud computing, automation, data analytics, and Internet of Things (IoT) technologies.
ECD	2021-234201- Early Childhood Development Practitioner	Early Childhood Development Practitioners	Goal 1 of the Master Skills Plan: Improve Early Learning and Schooling Outcomes to strengthen literacy, numeracy, and play-based learning.	Skills Programmes: Programmes focused on child development, play-based learning, literacy and numeracy development, and classroom management.
		Learning Support Assistants – to help children with disabilities and learning barriers.	Goal 1 of the Master Skills Plan: Improve Early Learning and Schooling Outcomes to strengthen literacy, numeracy, and play-based learning.	Skills Programmes: On specialised training programmes in inclusive education, learner support, child psychology, disability support, and early intervention strategies. Bursaries: Fund occupational qualifications and short courses focused on supporting children with developmental delays, behavioural challenges, and learning barriers.
CET	2021-232132 College Lecturer	AI Specialist	The rapid adoption of AI across education, business, and government.	Skills Programmes: AI Literacy & Digital Foundations, Applied AI in Education
		Coding and robotics instructors	The introduction of coding and robotics into the South African school curriculum.	Skills Programmes: for educators to gain workplace exposure with ICT and EdTech companies
		e-Learning Coordinator / Digital Learning Specialist	Increased need for digital learning management, online coordination, and technology integration in schools.	Skills Programmes: On digital teaching methodologies

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