PAICTA Institute of Science Technology & Innovation
PAICTA Institute of Science Technology Innovation (PISTI) is a branch of PAICTA that is a training provider with a strategic competitive positioning in the African continent. Our mission is to create lifelong learning opportunities and employability for all youth, SMMEs focusing on career success, personal development, and entrepreneurship. We achieve this by utilizing a committed and competent staff, a conducive learning environment, and adequate resources. Our strategic partnerships and collaborations have enabled us to develop institutional capacity to support our programs, provide youth support and services, and assist in job placement. We are a modern and relevant association informed by the development challenges facing our communities, and we strive to be a centre of excellence characterized by competitive competencies, capabilities, and service orientation.

In the knowledge society of the 21st century, dominated by information and communication technology, and with constantly changing labour market demands, providing relevant training programs to both boys and girls is crucial to foster sustainable development and attain SDG-1 – eradicating extreme poverty and hunger – in Africa. PISTI faces unique challenges in being a provider for the needs of a developed and advanced industrial economy on the one hand, and a widespread rural area with high rates of unemployment and poverty on the other. Despite these challenges, we continue to play a critical and meaningful role in skills development and the lives of the youth in Africa.

We ensure that the youth we impact discover new information, generate novel solutions, and progress through adaptation in the digital space. Our organisation is led by the PAICTA President and a Board of Advisory Panel members, who are subject matter experts, and our Pan-African team includes ICT Subject Matter Experts, Special Projects teams, Project Managers, Technology Lead Experts, Senior Instructors, Consultants, and Strategic Account Managers.

At PAICTA, we partner with world-class organizations to help individuals, unemployed youth, and enterprises in the IT industry to remain up to date with the latest technology deployments and cutting-edge digital skills. We focus on hands-on application and end-user adoption pre- and post-training event to enable effective business practices. We offer hybrid training – eLearning and physical training – in a convenient location in East London with flexible delivery modalities, industry-accredited field instructors, state-of-the-art official course material, and cloud labs to produce the highest quality learning outcomes for our clients.

We use three learning methodologies – Instructor-led Training (ILT), Virtual Instructor-led Training (VILT), and self-paced online learning – and endorse a balanced approach to training with a focus on the key areas of People, Process, Technology, and Solutions. We provide extensive training options tailored to our clients’ needs, from vendor-certified courses to customized training, including bespoke in-house content produced by our experienced content development team.

The company has established strategic partnerships with key technology vendors and universities, enabling us to offer the most relevant, up-to-date, and future-focused technology training. Our training programs are closely aligned with South Africa’s and the rest of the African continent’s grand plan around the Fourth Industrial Revolution (4IR). We believe that young people must be equipped with the necessary skills to cope with the changing world of work and opportunities, and as a result, we see the major shift from labour-intensive production to knowledge and skills-intensive productions and workplace demands. Therefore, it is critical for Africa to enable the youth’s understanding and knowledge of emerging technologies aligned with the 4IR.
Vision

Our vision at PAICTA Institute of Science, Technology Innovation (PISTI) is to be one of the leading providers of cutting-edge technology training and education in Africa. We aspire to empower a new generation of learners and entrepreneurs with the skills and knowledge needed to succeed in the 4IR and beyond. We strive to be a centre of excellence characterized by our competitive competencies, capabilities, and service orientation. Through our innovative programs and strategic partnerships, we aim to drive economic growth, promote social inclusion, and advance sustainable development in Africa. Our ultimate goal is to empower individuals, organizations, and communities with the tools they need to harness the power of technology for a better future.

Mission statement

Our mission at PAICTA Institute of Science, Technology Innovation (PISTI) is to empower learners with the knowledge and skills needed to succeed in the 4IR and beyond. Through quality education and training programs, we aim to create employability and life-long learning opportunities for all our youth, entrepreneurs and to foster innovation, creativity, and critical thinking. We are committed to providing a conducive learning environment and adequate resources, and to developing strategic partnerships and collaborations to expand our reach across the African continent. As a socially responsible organization, we strive to promote sustainable development, eradicate extreme poverty, and hunger, and contribute to the attainment of the SDG-1 in Africa.
Values

- **Excellence**: We are committed to delivering the highest quality training and education programs and strive for excellence in all aspects of our work.
- **Innovation**: We value creativity, curiosity, and a willingness to embrace new ideas and technologies, and encourage our learners to explore, experiment, and innovate.
- **Collaboration**: We believe that partnerships and collaborations are key to our success, and we work closely with other organizations, institutions, and communities to achieve our goals.
- **Inclusivity**: We are committed to creating a welcoming, inclusive, and diverse learning environment, and believe that everyone should have access to quality education and training.
- **Social Responsibility**: We recognize our role in promoting sustainable development, eradicating poverty, and advancing social justice, and strive to make a positive impact in our communities and beyond.
- **Professionalism**: We are committed to upholding the highest standards of professionalism and integrity and hold ourselves accountable for the outcomes of our work.
- **Lifelong Learning**: We believe that learning is a lifelong process and encourage our learners to continue to develop their skills and knowledge throughout their lives.

At PISTI, we are dedicated to empowering the youth and entrepreneurs to explore and understand the latest emerging technologies related to the Fourth Industrial Revolution. Our goal is to help individuals discover new information, generate innovative solutions, and progress through adaptation in the digital space. We invite you to join us today and become part of our mission to create a sustainable future for all.

PISTI Subbranches

**Private & Public Sector Training**
- International Vendor Authorised Training
- International vendor partners
- Africa Continent
- Onsite / offsite
- Customised / Standard / Workshops
- 3 learning methodologies – Instructor-led Training (ILT), Virtual Instructor-led Training (VILT), Self-paced online learning

**Career Precinct**
- Internships
- WIL – Work Integrated Learning
- Learnerships
- Skills Programmes
- Entrepreneurship
- NQF based accredited qualifications.
- Customised Client Programmes
- Accredited with MICT SETA
IT Professional Courses

Applied Virtual/Augmented Reality

In just 5 days, this intensive course will provide you with a comprehensive overview of virtual and augmented reality technologies, and how they can be applied to a range of industries and use cases. You'll learn how to create immersive virtual environments and augmented reality experiences, and how to use these technologies to enhance your business operations, marketing campaigns, and customer experiences.

Health Informatics

In just 5 days, this intensive course will provide you with a comprehensive overview of virtual and augmented reality technologies, and how they can be applied to a range of industries and use cases. You'll learn how to create immersive virtual environments and augmented reality experiences, and how to use these technologies to enhance your business operations, marketing campaigns, and customer experiences.

Cloud Computing

Over the course of 3 days, you will learn about the fundamentals of cloud computing, including the key concepts, technologies, and best practices involved in designing, deploying, and managing cloud-based solutions. You'll gain hands-on experience with popular cloud platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform, and learn how to work with cloud services such as virtual machines, storage, networking, and security.

Computer Forensics

Over the course of 3 days, you will learn about the key concepts, methodologies, and tools involved in computer forensics, including the identification, collection, analysis, and preservation of digital evidence. You'll gain practical experience with popular forensic tools such as EnCase, FTK, and Sleuth Kit, and learn how to conduct forensic investigations of computers, mobile devices, and other digital media.

Infopreneurial Skills

Over the course of 3 days, you will learn about the key concepts, methods, and tools involved in creating and marketing digital products and services, including eBooks, online courses, membership sites, and coaching programs. You'll gain hands-on experience with popular digital tools such as WordPress, MailChimp, and Teachable, and learn how to create and launch your own digital products and services that meet the needs of your target audience.
Entrepreneurship

PISTI fosters a dynamic and innovative culture that empowers small and emerging enterprises, cultivating entrepreneurial spirit, and promoting social change. As the heart of entrepreneurial development and thinking at PAICTA, PISTI specializes in guiding business owners to understand the dynamic business environment and thrive within it. Our expertise spans the formal and informal sectors, supporting entrepreneurs at all stages of business growth, across diverse locations and through online programmes.

At PISTI, we recognize that entrepreneurial mindset and attitude are essential for success, especially in African countries where entrepreneurship is underdeveloped. Our core focus is to make business education accessible to start-ups, micro and small business owners, particularly those who are underserved or marginalized. Through our efforts, we aim to equip small business owners with the tools and knowledge needed to build sustainable, efficient enterprises and create employment opportunities.

Please don’t hesitate to contact us for more information on our Entrepreneurship, Infopreneurship, and Technopreneurship training programs. You can reach out to us through our website or email us at marketing@paicta.org. We would be happy to provide you with more information and answer any questions you may have about our training programs.

www.paicta.org

IS Security/Cybersecurity

Over the course of 3 days, you will learn about the key concepts, methodologies, and tools involved in information security and cybersecurity, including threat assessment and management, network security, cryptography, and security incident response. You’ll gain hands-on experience with popular security tools such as Nmap, Wireshark, and Metasploit, and learn how to implement effective security measures that protect your organization against cyber-attacks.

Partners

- CompTIA
- WatchGuard
- Check Point
- Fortinet
- Cisco Networking Academy
- Splunk