African Prime Institute of Science and Technology (A.P.I.S.T)
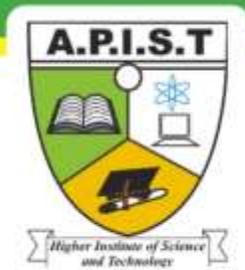
"Science and Conscience"

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Cell: +268 784 48369
Email: info@apistuniversity.com
Web: www.apistuniversity.com

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M200
Manzini
Swaziland

AFRICAN PRIME INSTITUTE OF SCIENCE

& TECHNOLOGY (APIST)

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BACKGROUND

African Prime Institute of Science and Technology (*APIST*) is a Private Higher Learning Institution located in Manzini, *NOZULAR House*, opposite Raleigh Fitkin Memorial (*RFM*) Hospital and Nkosehlusaza Streets (Manzini, Kingdom of Eswatini). Its Academic Programs are: Agriculture & Rural Development; Health Records Management; Architecture Technology; Electronics & Telecommunication.
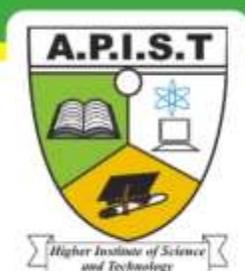
VISION, MISSION & CORE VALUES

VISION
The vision of *APIST* is to be a pole of brilliance and academic excellence in quality education and training, research and services to the community offering professional programs to enrich individual lives, and to make a difference in the Region.

MISSION
The mission of *APIST* is to provide academic education, training in Science and Technology, service and social involvement, preparing the world for thoughtful, productive lives and service in their respective professions and places. The College aims at fostering academic and career success through the development of critical thinking, effective communication, creativity, and cultural awareness in a safe, accessible and affordable learning environment. In meeting the

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Higher Institute of Science and Technology

needs of our demographically diverse student population, the College embraces equity and accountability through measurable learning outcomes, ethical data-driven decisions and student achievement.

CORE VALUES, OBJECTIVES & STRATEGIC INTENT

Core values

APIST is committed to the following core values:

Commitment – We endeavor to educate the whole person, nurture and challenge students intellectually, socially, spiritually, morally and aesthetically, preparing them to assume leadership in their professional, civic and personal lives.
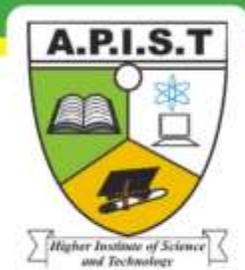
Excellence – We seek uncompromising standard of excellence in teaching, learning, research and creativity within and across the disciplines and in service to our students and our stakeholders.

Creativity – Our programmes are designed to enable students to solve real-world problems with creativity and risk-taking and to obtain the solutions that are relevant, practical and sustainable.

Engaged learning – We strive to integrate academic reflection with real-life experience from the community and industry to enshrine our students with hands-on market relevant skills and competencies.

Service to Others – We promote a culture of service to and among our students and staff, and the society in general as we work with all our partners to build a caring society.

These principles are shared among the members of *APIST* community and they provide a framework in which decisions are made.

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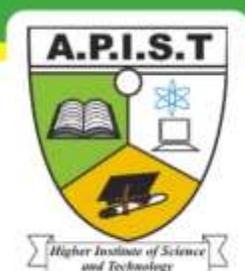M200
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Strategic intent

Strategic intent is defined here as a compelling statement about where *APIST* is going that succinctly conveys a sense of what the College wants to achieve in the long term. This strategic intent answers the question: "What exactly are we trying to accomplish?"

- It provides a sense of direction, a particular point of view about the long-term market or competitive position the Institution hopes to develop and occupy.
- It provides a sense of discovery in that it holds out to the College's members the promise of learning about other institutions that operate in the same market, adopting their best practices and avoiding pitfalls.
- It provides a sense of destiny, a worthwhile goal around which energies can be focused across the College.

Objectives

APIST has the following objectives:

- Developing priority subjects which meet the country and the Region's needs;
- Disseminating science and technology for the development of the country and the Region;
- Combining knowledge and wisdom to promote Eswatini universal cultural aspects;
- Using an educational and training system which can promote creative and innovative spirit and favor active methods.

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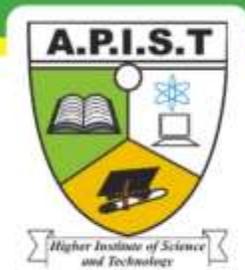# ACADEMIC PROGRAMS

○ AGRICULTURE AND RURAL DEVELOPMENT

There is a great anxiety over the clear indications that the world is heading for serious food crises, since in many countries food production has not kept pace with the growing needs of rapidly increasing populations. The program of Agriculture and Rural Development at *APIST* equips students with all necessary knowledge in current thematic areas of the Development sector such as development theories and strategies, environment and sustainable development, Research methods, Public policy and poverty reduction, development economics, globalization etc.

● HEALTH RECORDS MANAGEMENT

The Health Records Management curriculum is designed to give *APIST* students working knowledge of health care delivery systems; health information profession; the definition and the purpose of the medical record; the systems and processes for collecting, maintaining and disseminating health information; numbering, retention and storage of medical information; forms of control and design; indexes and registers; release of patient information, security, privacy, confidentiality, and ethical issues; documentation requirements; regulatory requirements of healthcare organization, Clinical reporting & clinical statistics and computerized information management systems utilized by health information management departments.

● ARCHITECTURE TECHNOLOGY

Architects add art, creativity, and beauty to the nation's daily life in ways we don't expect. They know how to design our favorite little alcove or how to give our building the best view. Various studies have shown that areas with good architecture and design create stronger communities with healthier neighborhoods and businesses.

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The program of Architecture technology at *APIST* aims at offering knowledge and preparing Eswatini architectural experts for the identification and analysis of architectural problems, design and development in architecture and improvement in aesthetic as well as efficiency terms. The key architectural, urbanistic, engineering and maintenance issues are related to other important parameters as social, aesthetic and ecological values. Students that have completed the program will be able to apply an advanced knowledge based on human, technical and social aspects and will be competent in solving the problems of architectural, urbanistic and civil engineering nature. Their enhanced communication, problem solving and analysis skills will prepare them to implement more complex projects in the area and get them a route to academic research.

- ELECTRONICS AND TELECOMMUNICATION

Information and communication technology are expected to give a significant contribution in the achievement of Eswatini vision and the world driven technology. A constant injection of technicians/engineers in the field of electronics and telecommunication is actually needed to boost the economy and engineering technology in the Kingdom. Therefore, the current program will help fulfill *APIST*'s mandate to produce the needed well-trained people.
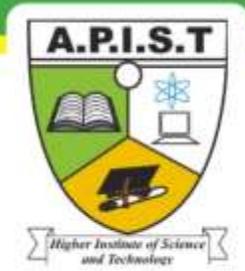
ADMISSION CRITERIA

o *Agriculture and Rural Development*

The recommended candidate in Science Department, Program of Agriculture and Rural Development is anyone who holds an SGCSE Certificate with 3 credits at least 1 sciences subject, 2 passes in any subject including English.

o *Health Records Management*

The Science Department, Program of Health Records Management is open to holders of High school certificate (*SGCSE*) with 3 credits including English, Mathematics, Biology, 2 passes in

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any other subject.

- o *Architecture Technology*

The recommended candidate in the Polytechnic Department, Program of Architecture Technology is anyone who holds an SGCSE Certificate with 2 credits and 2 passes and some Technical and Vocational Training added will be an advantage.
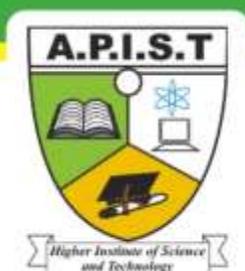
- o *Electronics and Telecommunication*

The recommended candidate in the Polytechnic Department, Program of Electronics and Telecommunication is anyone who holds an SGCSE Certificate with 2 credits and 2 passes and some Technical and Vocational Training added will be an advantage

STAFFING

Most key positions in *APIST*'s Academic and Administrative leadership are filled with competent and qualified personnel. The institution has recruited appropriately qualified teaching and administrative staff, matching the current academic programs. Their ranks are based on ESHEC's established Guidelines.

POLICY GUIDELINES

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APIST policy guidelines are integrated into the institution's general framework of learning, teaching and assessment as provided by a number of academic related texts. It is expected that the more the policy is effectively implemented; better performers shall be achieved by *APIST*'s graduates. For this reason, all stakeholders are called to take the following guidelines into consideration:
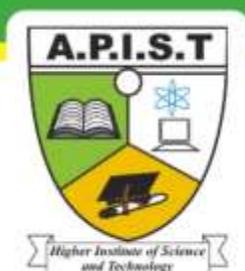
- Provision of distinctive education to students,
- Development of programs that facilitate lifelong learning & Career building for students,
- Developing priority subjects which meet the country and the Region's needs,
- Using an educational system which can promote creative and innovative spirit and favor active methods, combining knowledge and wisdom to promote Eswatini and universal cultural aspects.

QUALITY ASSURANCE

- ### *Quality Assurance Systems*

All teaching, training and research activities in support of student learning offered under the auspices of *APIST* are subject to rigorous quality assurance procedures.

A Quality Assurance Manual has already been developed to give support to lecturers in the delivery of their courses and to ensure that the student learning experience is placed at the Centre of all activities. The collection of information to support evidence of good practice is designed to be an integral part of the management of the learning experience. The process enables performance to be measured against standards. *APIST*'s Quality assurance system facilitates ownership and accountability at the point of activity with each step of the teaching and learning process being seen as an opportunity for evaluation through both course review and self-assessment. The review process results in action plans and the setting of targets to facilitate systematic improvement. It causes *APIST* lecturers to be self-critical through collating and analyzing evidence to support the achievement of standards. In addition, the internal inspections provide another valuable mechanism for the identification of good practice and areas for

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improvement.

Students' views of *APIST*'s provision are regarded as essential to the quality assurance process and a range of mechanisms are used to obtain student feedback including focus groups and questionnaires. *APIST* commits itself to the maintenance of the standards and continuous improvement of the quality of all the activities within its compound.

- ***Internal Quality Assurance Committee***

APIST has a committee in charge of quality assurance, headed by the Deputy Principal.

On a daily basis, the College promotes quality assurance of teaching by:

1. Aligning instructions to learning standards;
2. Including formative assessment and providing consistent feedbacks;
3. Ensuring the communication and monitoring of established academic policies and practices;
4. Using regularly the feedback loop concept and self-assessment approach;
5. Appraising teaching performance on a reliable basis; and
6. Implementing new technologies to get learners up to speed.

WHY STUDY AT APIST

As a Pole of brilliance and academic excellence, *APIST* is a premier College offering innovative academic education, public affairs activities and professional programs to enrich individual lives, and to make a difference in the Region. Pursuing your studies at *APIST* will allow students to partner with one of the choice Colleges whose pursuit of an interrelated set of core commitments distinguishes it from other institutions of higher education in Eswatini.