Streamline Your Path to Higher Education
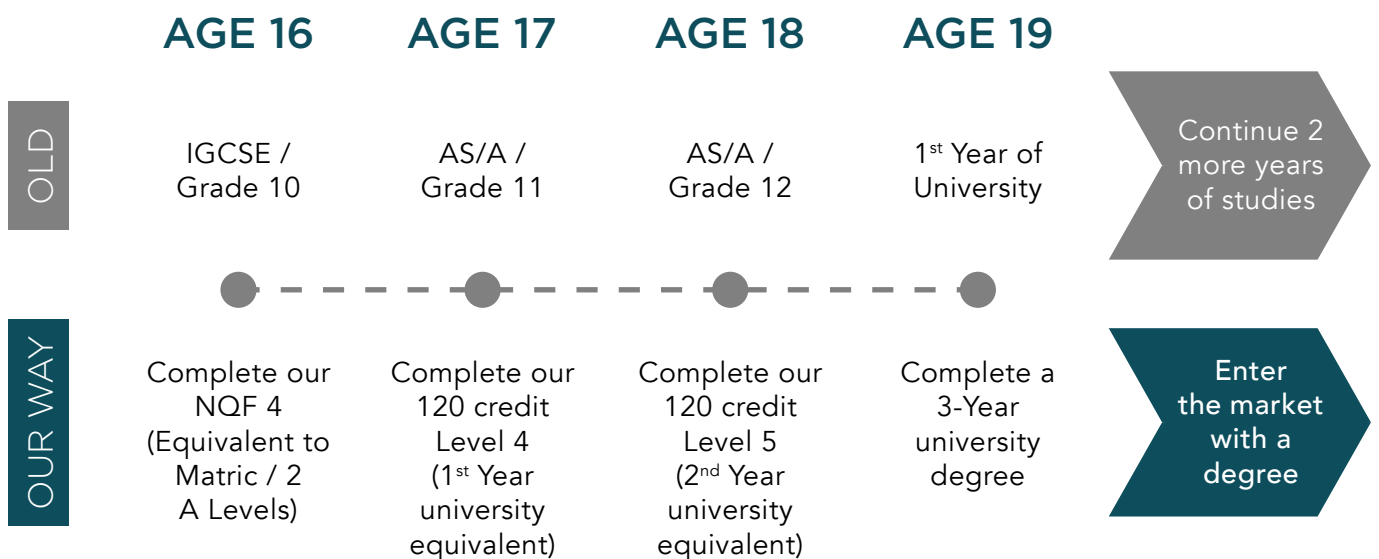
Certificate in Computing (First Year University) NQF 5

SI INSTITUTE
Conception. Profession. Ascension.

athe
AWARDS FOR
TRAINING AND
HIGHER EDUCATION

GenEx

ABOUT THIS
NQF 5 (Level 4)
QUALIFICATION

120 Credits

1200 Total Qualification Hours

480 Guided Learning Hours
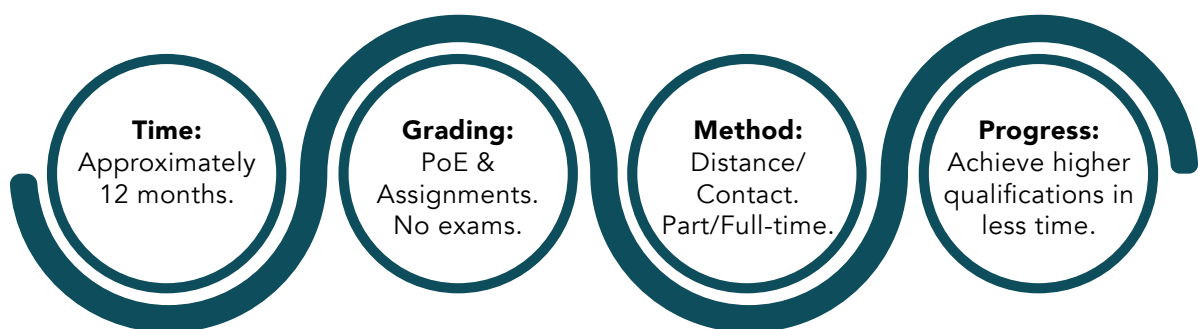
10 Modules

10 Assignments

THE POWER OF PROGRESSION

The aim is to help you achieve internationally-recognised qualifications in a shorter period of time. Credits earned through these qualifications can be used in applications for further study.

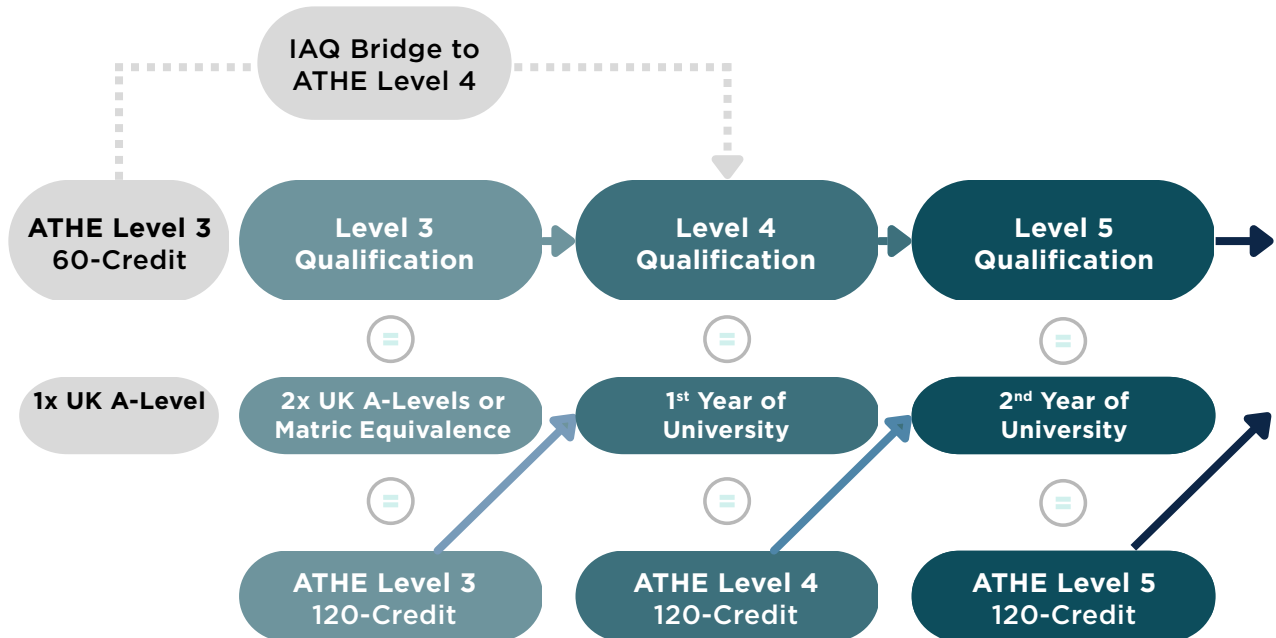|	AGE 16	AGE 17	AGE 18	AGE 19	
OLD	IGCSE / Grade 10	AS/A / Grade 11	AS/A / Grade 12	1st Year of University	Continue 2 more years of studies
OUR WAY	Complete our NQF 4 (Equivalent to Matric / 2 A Levels)	Complete our 120 credit Level 4 (1st Year university equivalent)	Complete our 120 credit Level 5 (2nd Year university equivalent)	Complete a 3-Year university degree	Enter the market with a degree

COURSE SUMMARY

The **NQF5** certificate is equivalent to the first year of an undergraduate degree, giving the student 120 credits on completion. It is also a starting point for students embarking on a career in business and computing.

Time: Approximately 12 months.

Grading: PoE & Assignments. No exams.

Method: Distance/ Contact. Part/Full-time.

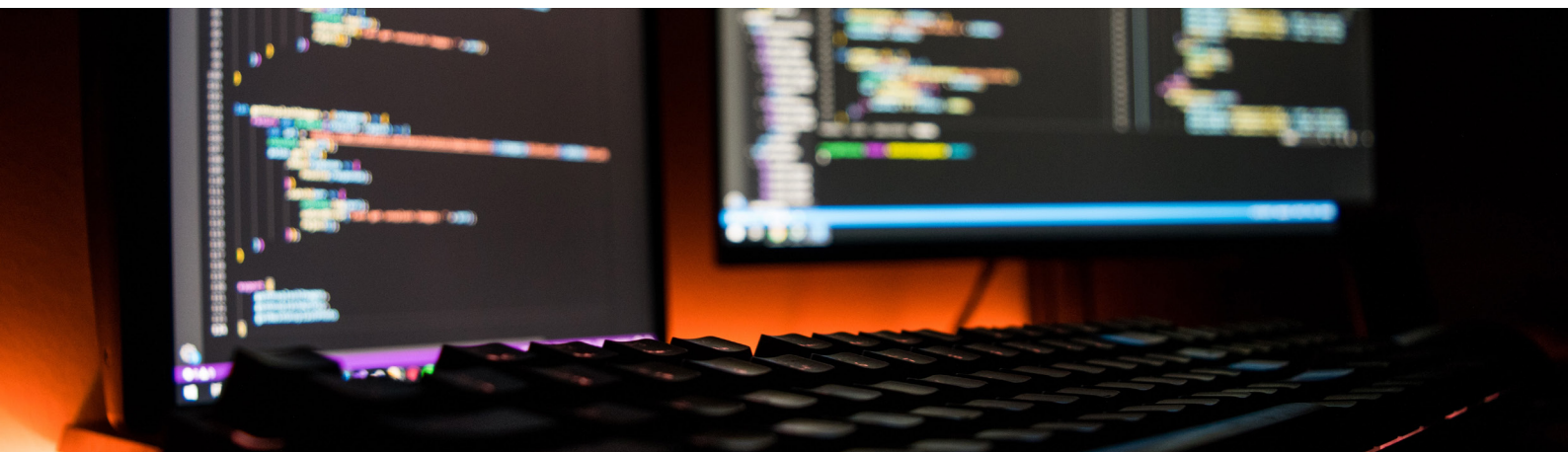**Progress:** Achieve higher qualifications in less time.

QUALIFICATION EQUIVALENCE

The **International Access Qualification (IAQ)** will enable you to pursue certificates, diplomas, and degree programmes at multiple academic institutions in South Africa and abroad.

	IAQ Bridge to ATHE Level 4		
ATHE Level 3 60-Credit	**Level 3 Qualification**	**Level 4 Qualification**	**Level 5 Qualification**
1x UK A-Level	2x UK A-Levels or Matric Equivalence	1st Year of University	2nd Year of University
	ATHE Level 3 120-Credit	**ATHE Level 4 120-Credit**	**ATHE Level 5 120-Credit**

PROGRAMME ACCREDITATION

The qualification is fully accredited by the **Awards for Training and Higher Education** (ATHE) and is regulated by the **Office of Qualifications and Examinations Regulation** (Ofqual).

ADMISSIONS REQUIREMENTS

Our goal is to make the qualification **accessible to all** who meet the required standards by removing barriers and promoting equal opportunities.

Students 17 years or older who meet at least one of the following criteria are encouraged to apply.

- A GCE Advanced level profile with achievement in 2 or more subjects supported by 5 or more GCSEs at grades C and above
- Other related level 3 subjects
- An Access to Higher Education Certificate delivered by an approved further education institute and validated by an Access Validating Agency
- Other equivalent international qualifications

Students whose first language is not English may need to submit an English proficiency test.

TECHNICAL REQUIREMENTS

Our platform is fully technology-driven, therefore students will need a reliable PC/laptop/tablet or regular access to one.

A stable internet connection with sufficient data to access online resources and participate in programme activities will be provided to in-contact/on-campus candidates.

You will also be provided with a Microsoft (MS) Office 365 account, giving you access to the full MS suite along with numerous resources that will assist you in completing tasks and assignments.

PROGRAMME DELIVERY

This programmes offers the flexibility of delivery through either a distance-based approach (virtual learning) or face-to-face approach (contact learning), available on a part-time or full-time basis with a dedicated tutor.

The qualification is not examination-based and is assessed through graded assignments, including self-testing exercises, continuous assessments of theory, and practical applications. It consists of 10 modules and 10 written assignments.

MODULES

1. IT System Development (15 Credits)
2. Programming and Scripting (10 Credits)
3. Data and Database Systems (15 Credits)
4. Computer Systems Networks and Security (10 Credits)
5. Legislation, Regulation, Ethics and Codes of Practice (10 Credits)
6. Methods and Tools for Analysis (10 Credits)
7. Advanced Programming (10 Credits)
8. Webdesign and Programming (10 Credits)
9. Principles of Full-Stack Development (10 Credits)
10. Principles of Networks (10 Credits)
11. Mobile Application Development (10 Credits)

Total Credits: 120 Credits

Generation
Curiosity. Experience. Knowledge.

QUALIFICATION IN COMPUTING