



## HIGHER CERTIFICATE IN ARCHITECTURAL TECHNOLOGY

**South African Qualifications Authority identification number (SAQA ID): 97623**

**NQF Level 05**

Contact - FULL TIME/PART TIME AND DISTANCE

### BUILT ENVIRONMENT FACULTY

The term built environment is used when referring to those surroundings created for humans, by humans, and to be used for human activity. The study of the built environment is interdisciplinary in nature and can include such disciplines as: visual arts, architecture, engineering, urban planning, history, interior design, industrial design, geography, environmental studies and anthropology and sociology. The Faculty of the Built Environment focusses on the design and development and maintenance of the Built Environment. Accredited qualifications currently offered in this faculty include; Bachelor of Design (Interior Design) and (Environmental Design), Diploma in Interior Design and Higher Certificate in Architectural Technology

### MORE ABOUT THE HIGHER CERTIFICATE

A Higher Certificate is a one-year; full time course or two-year part time course with 120 credits that allows students the opportunity to work towards accessing a higher qualification like a Degree or Diploma. Students choosing to use the Higher Certificate to advance their studies, still need to meet institutional entrance requirements and will need to apply for conditional exemption into a Degree through USAF. The Higher Certificate also allows for quick entry into the job market, providing hands on skills. An industry relevant Higher Certificate will include work integrated learning as part of the curriculum to prepare you for the working world. Inscape offers NQF Level 05 Higher Certificates in Architectural Technology, Interior Decorating, Design Techniques and Fashion Design.





## REGISTRATION AND ACCREDITATION

Inscape Education Group (Pty) Ltd is registered with the Department of Higher Education and Training as a private higher education institution under the Higher Education Act, 1997 (reg. no. 2000/HE07/002). Established in 1981. Company Reg: 2002/028979/07. VAT Reg: not applicable. Principal and Director: HL Bührs, ME Schoeman, KC Cromhout, J De Jager.

Inscape Education Group is also accredited by the Council on Higher Education (CHE) and registered on the National Qualifications Framework (NQF) by the South African Qualifications Authority (SAQA) for the following programmes:

- Bachelor of Design Degree (NQF level 7) (SAQA ID: 79830)
- Diploma (NQF level 6) qualifications in Interior Design (SAQA ID: 48440) and Graphic Design (SAQA ID: 48438)
- Higher Certificate (NQF level 5) qualifications in Architectural Technology (SAQA ID: 97623), Design Techniques (SAQA ID: 90722), Interior Decorating (SAQA ID: 94798) or Fashion Design (SAQA ID: 94796)

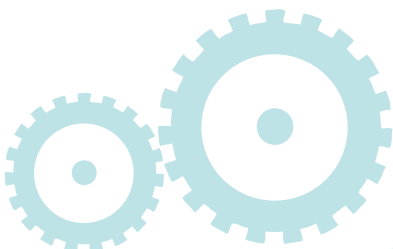
### PROFESSIONAL MEMBERSHIP

Inscape is, or its staff members and graduates are, members of:

Association of Private Providers of ETD (APPETD)  
Brand Council South Africa (BCSA)  
Business and Arts South Africa (BASA)  
Design Education Forum (DEFSA)  
NADEOSA  
SA Institute of Draughting (SAID)  
SA Institute of Interior Design Professions (IID)  
South African Council for Architectural Professions (SACAP)  
SA Fashion Council (SAFC)  
Private Higher Education Interest Group (PHEIG)

**Inscape is affiliated to:**

Universities South Africa (USAf) formerly known as Higher Education South Africa (HESA)



## PROGRAMME INTRODUCTION

### **ARCHITECTURAL TECHNOLOGY**

The purpose of this qualification is primarily "to provide an introduction to the architectural profession and its role within the broader context of the Built Environment."

Secondly, learners are provided "with the skills, competencies and academic knowledge required to practice in the Built Environment as a Candidate Architectural Draughtsperson and after a period of supervised practical experience and/or other requirements as specified by the professional registration body, as an Architectural Draughtsperson."

Thirdly, the qualifying learner can move to other (related) fields.

Lastly, it is to make it possible for a person to earn an Architectural qualification formalising the learning that they have achieved through other means.

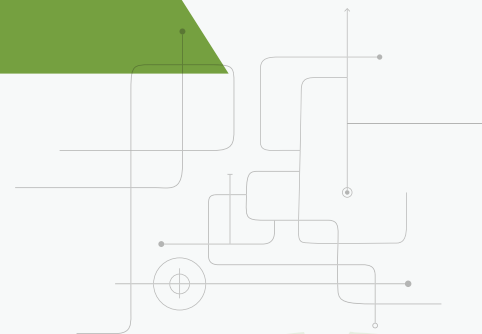
### **Rationale:**

Architecture is the art and science of designing and building large structures. Architecture and design professions are expanding their relevance. They are growing their market share in both traditional and previously undiscovered markets, and crossing borders into new areas where the game is different. There is a greater need for Architects who plays a crucial role in the development of mass production. Software architecture, define systems in terms of components, relationships and rules or conditions. The qualification will enable learners to further their studies in the architectural profession.

## PROGRAMME SUMMARY

### **CONTACT LEARNING:**

- 1 Years full time or 2 Years part time
- NQF Level 5
- January and July enrolment
- 8x 1h45 min sessions per week
- Continuous project based assessment with final portfolio submission
- Graduate in December
- 240 hours of Experiential Training to be completed



## DISTANCE LEARNING:

- 1 Years full time or 2 Years part time
- NQF Level 5
- Enrol anytime
- Flexible submission of assignments
- Continuous project based assessment with final portfolio submission
- Graduate on completion
- 240 hours of Work integrated Learning to be completed

## PROGRAMME STRUCTURE

The qualification comprises compulsory modules at NQF Level 5 totalling 120 Credits.

Standard Drawing Conventions, 7 Credits.

Introduction to Architectural Drawing, 7 Credits.

Domestic Construction, 7 Credits.

Framed Structures, 7 Credits.

Design Process and Influences, 7 Credits.

Council Submissions, 7 Credits.

Architectural Presentation, 7 Credits.

Model Making, 7 Credits.

Portfolio, 4 Credits.

Experiential Training, 24 Credits.

Starting Your Own Business, 6 Credits.

Introduction to Project Management, 6 Credits.

Professional Practice Management, 6 Credits.

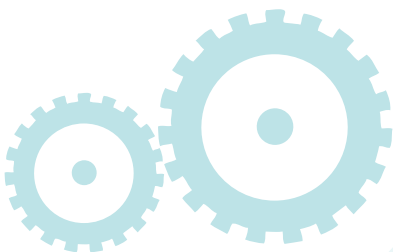
Natural Building Systems, 7 Credits.

Ecological Studies and Practices, 7 Credits.

AutoCAD for the Built Environment, 4 Credits.

## EXIT LEVEL OUTCOMES

1. Explore the relationships between architecture, environment, technology, engineering and craft, and how they combine to improve human conditions.
2. Communicate effectively and accurately with other professions and trades in the built environment.
3. Apply the capability of skilfully processing an artefact or design through the various stages of manufacture to completion.





## ADMISSION CRITERIA

National Senior Certificate with admission to a Higher Certificate, Competent in English at NQF level 4.  
**Note:** For the Higher Certificate in Architectural Technology: students should consult with the relevant tertiary institution for further requirements. Maths is usually a prerequisite for entry into an Architectural Degree on completion of the Higher Certificate.

### SPECIAL ADMISSIONS:

We offer mature age exemption to Degrees, Diplomas and Higher Certificates as per USAF requirements. Mature age exemption to Awards is considered on individual application.

Inscape Education Group will consider Recognition of Prior Learning (RPL) based on informal or non-formal learning for admission to this course.

### INTERNATIONAL STUDENTS:

- For admission to Higher Certificate: South African Qualifications Authority (SAQA) evaluation of National Senior Certificate NQF4 equivalence.
- For admissions to Bachelor's Degree: Higher Education South Africa (USAF) complete or conditional exemption certificate.
- A study permit in the name of Inscape Education Group is valid for the duration of the chosen course.

### ARTICULATION OPTIONS

Students who have graduated with the Higher Certificate may apply to register for a Diploma in a related field at Inscape Education Group ([link](#)) or at another institution.

Students who have graduated with the Higher Certificate (who do not previously qualify for a bachelors degree entry) who wish to apply for the Inscape Education Group Bachelor of Design specialising in Interior Design or Environmental Design need to apply for and receive an exemption certificate from Universities South Africa – USAf (Link to <http://mbit-apply.usaf.ac.za/applicant/add>).

we are about



people



we promote

UNIQUE THINKING

UNIQUENESS, ONENESS, INNER ESSENCE



## WHAT IS INCLUDED/EXCLUDED IN THE COURSE?



### \*\*INCLUDED

- Laptop\* optional / Tablet (students who do not take the laptop option receive a digital tablet loaded with courseware)
- Digital (Software, License & Platforms)
- Office 365 online license
- Autodesk / Adobe (as per programme requirements)
- Questia Online library
- Grammarly
- lynda.com subscription
- Internet connectivity on site
- Stationery and art equipment
- Student Management
- Digital study guides and courseware
- Online Learner management system
- Access to Academic Documentation pre-scheduled per year
- Student card

\*\* Subject to change

### EXCLUDED

- Monthly consumables (+-R1000 per month)
- Workshop fee and raw materials (subject to availability per campus)



## ADDITIONAL INFORMATION

### HIGHER CERTIFICATE ARCHITECTURAL TECHNOLOGY

#### *Does this course prepare me for further studies?*

Yes, the Higher Certificate in Architectural Technology is considered an access programme to further study. 50% of graduates from 2013 to 2015 from this course are currently studying further in associated fields; Architecture, Architectural Technology, Mechanical Engineering, Civil engineering, Urban Design, Project Management and Design. The institutions that the students have enrolled at successfully include: University of Kwazulu Natal, University of the Free State, University of Pretoria, Cape Peninsula University of Technology, Tshwane University of Technology, University of Johannesburg, Nelson Mandela Metropolitan University, University of the Witwatersrand, Howard College UKZN, Cranefield College, Design School South Africa, Design Times, Unisa and Inscape Education Group

#### *Can I be employed with this qualification?*

Yes. On successful completion of this qualification you can be employed as an Architectural Draughtsman. 40% of Inscape Architectural Technology graduates have secured employment in the Built Environment Sector.

#### *Have graduates from this course registered with professional bodies and associated organisations?*

Yes, students who have graduated with the Higher Certificate in Architectural Technology have registered with SACAP (South African Council of Architectural Professions) and SAID (South African Institute of Draughting). Remember, (from SACAP's website): "Only persons who are registered in the PROFESSIONAL categories with SACAP MAY PRACTICE OR RENDER ARCHITECTURAL SERVICES directly to the public. CANDIDATE categories of registered persons work under a mentor and complete a practical training process for the required period, as stipulated in the SACAP Practical Training Policy."

#### *Why do I need to complete experiential training?*

At the inception of the programme, consultation with academic staff at institutions to which the graduates would articulate indicated that prospective students applying to their institutions had limited exposure to the architectural industry and limited technical drawing ability. They requested that we expose the students to the industry through possible work integrated learning. In addition to these requirements, the graduates who seek employment immediately after graduation, attest to their ability to enter the industry due to the experiential training module. All experiential training should be completed under supervision of a SACAP registered Professional.

#### *Do the lecturers know what they are doing?*

The collective academic staff directly teaching the programme have, on average 75 years higher education, 150 years industry experience and have been employed at the institution for an average of 3.5 years. Academic staff teaching the programme are where relevant registered with SACAP. Of the academic staff hold membership with DEFSA (Design Education Forum of South Africa), PIA (Pretoria Institute of Architecture), Landscape Institute, South African Council for Planners, Urban Design Institute of South Africa and SAIA (South African Institute of Architects). This excludes national academic staff and campus management responsible for development and support of the programme.

## ADDITIONAL INFORMATION

### *What can I expect when I get to campus?*

The institutional policy is that there will not be more than 24 students in any class. This allows for low lecturer student ratio's and promotes individual academic attention for each student. Small class culture is typical of private higher education institutions and is often lauded as a contributing factor to the high success rates in these environments.

Studios are also accessible to students after hours. Students do make use of the space from time to time and have developed their own studio culture within the space. Students are afforded suitable environments and facilities as required by the curriculum at any given time.

Model Building spaces and facilities are provided for at the time at which the students engage in this learning. As the programme is a one year programme the teaching and learning strategy is easily accommodated by a single moment in time approach. The facilities provided are such that the purpose and rationale of the programme is achieved.

### *Why do I complete a portfolio?*

A significant number of graduates from this programme enter the working environment. They have indicated that the ability to present a portfolio of their work at an interview goes a long way to securing the employment. A greater number of graduates articulate into related programmes at other institutions and have indicated that the presentation of their portfolio's to access these institutions has enabled them to enrol more easily. The ability to professionally 'build' the portfolios at an NQF level 05 is closely guided by the lecturer to ensure that the body of work they present is suitable.

