

National Certificate: Architectural Technology (NQF Level 5 E-Learning)

African Academy
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A F R I C A N
A C A D E M Y

Programme: National Certificate: Architectural Technology NQF 5 SAQA ID: 48734

Programme Duration: One Year (E-Learning)

Description:

Do you have a passion for the Drawing / Design buildings? This online course provides an introduction to Architectural Draughting and the role of a technologist within the broader context of the Built Environment. Our e-learning certificate programme are done on the computer with various draughting software (AutoCAD and Revit). Our online platform provides learners with the skills, competencies, and academic knowledge required to practice in the Built Environment and the advantage you need to succeed in an Architecture Draughting career. Our classes are conducted online. Take Control of Your future! Study anywhere, anytime for our cost-effective qualification. Learners are encouraged to upskill themselves by enrolling for our NQF 6 Architectural Diploma course after they have successfully completed the NQF 5 certificate.

Admission requirements:

- NQF 4 Drawing Office Practice or N4/5 Multi Drawing Office practice
or
- Grade 12 (Competency in English language & Mathematics and EGD)

Knowledge, comprehension and application of various draughting software at Matric level or equivalent. However, should you not have these, we have bridging courses for these subjects to equip you to succeed in this field. These bridging courses are 3 months in duration.

Selection Procedure:

Access to this qualification is open, bearing in mind learning assumed, to be in place

Duration:

One year – Online (120 Credits)

Programme content:

- Verbal and written communication
- Entrepreneurial skills
- Graphic communication
- Foundation Building Business – Law
- Applied Building Science
- Design theory
- Construction Detail & Materials
- Construction Methods
- Architectural Draughting
- Computer Applications
- History of Architecture

Course Fees:

Course Fees (R32 000.00) excluding laptop – Note that an annual price increase may be applicable depending on economic indicators
R3 000.00 deposit and the balance in 10 equal instalments.

Additional Costs:

Student packages on the software (AutoCAD and Revit) and prescribed textbooks are additional.

* (Students are required to download Auto-Cad software on their own)

e-textbooks are not included in the price.

e-books usually range between R1 500.00 and R2 000.00.

Drawing kits are also available at an additional cost of R750.00

Career path/Opportunities

- Architectural Draughtsperson
- Architectural Technologist (with Upskilled NQF6 Diploma)
- Spatial Designer
- Interior Decorator
- Developer in Projects
- Construction Project supervisor

Horizontal Articulation:

- Construction
- Site Supervisor
- Construction Project Management (Fundamental)

Vertical Articulation:

- NQF 6 National Diploma Architectural Technologist

Certification

On successful completion of the programme, the student will receive a National Certificate, issued by the Construction Seta.

Disclaimer

The content of this brochure, accurate at the time of going to print, is subject to change without notification due to legislation, market requirements or any other reason. African Academy reserves the right to change the Programme content without notice.

* Draughting software can be downloaded from Autodesk web Page.

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**A F R I C A N
A C A D E M Y**

Programme: National Diploma: Architectural Technology (NQF 6) SAQA ID:48733

Programme Duration: Two Years – Online (240 credits) – divided into 1st and 2nd year.

e-Learning Description:

This course is offered online (i.e., lectures are streamed and you can study anywhere, anytime).

This online 2-year course provides you with an opportunity to join the world of Architecture which provides various channels to practice within the built environment as a professional. There are many of these built environment professionals living out their career choices at construction sites or in design studios all over the country and, indeed the world. We invite you to join the most exciting Architectural Draughting profession within the built environment profession in South Africa.

Course Description:

The course offers you the opportunity to understand the role, duties, obligations and practical knowledge of an Architectural technologist within the broader context of the Built Environment. Architectural diploma programs require the practical application of various draughting software (AutoCAD and Revit) for the development of conceptual design and the understanding of the 6 stages of building construction. This qualification equips learners with the necessary technical competencies needed to practice at an entry level within the Architectural Profession. Our online platform provides learners with the practical skills and academic knowledge required to practice in the Built Environment and the advantage you need to succeed as an Architectural Draughtsperson.

Our classes are conducted online, therefore you advise that you take Control of Your future! Study anywhere, anytime by taking advantage of our cost-effective qualifications.

This online course also requires correspondent submissions of practical courses which can be submitted in person or sent via a courier service to the academy

Admission requirements:

- NQF5 Certificate in Architectural Technology or a registered “candidate Architectural Draughtsperson”

Selection Procedure:

Access to this qualification is open, bearing in mind knowledge and experience assumed, to be in place.

Programme content:

- Verbal and written communication (II&III)
- Entrepreneurship (II&III)
- Graphic communication (II&III)
- Design theory/history (II&III)
- Architectural design (II&III)
- Architectural technology (II&III)

- Construction Theory (II&III)
- Studio work (II&III)
- Advanced Architectural draughtsmanship (I&II)
- Relevant laws and contracts (II)
- National building regulations (II)
- Architectural modelling (I&II)
- Estimating & pricing (I&II)
- Land surveying (I&II)
- Internship / Cooperative learning

Assessment

All credits are achieved via self-study, self-practice, reading materials provided, completing workbooks, practical activities, researching, and project-based assignments. All practical and theoretical assignments serve as cumulative assessments for each year of study. All learning credits are achieved via an intermediate submission of a 'Portfolio of Evidence' (PoE) to the academy together with timely submission of project-based practical assignments which are accumulated for each course.

240-hour workplace/in-service training is required to be done by all students to complete the course and acquire certification. This in-service training must be secured by the student. The African Academy takes no responsibility for this.

Course Fees:

(32 000 per year) – excluding laptop. Note that an annual price increase may be applicable depending on economic indicators.
R3 000 deposit and the balance in 10 equal installments.

Additional Costs:

Student packages on the software (AutoCAD and Revit) and prescribed textbooks are additional.

* (Students are required to download Auto-Cad software on their own)

* (Learners are advised to acquire a personal laptop).

e-textbooks are not included in the price.

e-books usually range between R1 500.00 and R2 000.00.

Drawing kits also available at an additional cost of R750.00

Career path/Opportunities

- Interior Designer
- Senior Architectural Technologist
- Building Inspector
- Energy and Water Auditor (in new and existing buildings)
- Construction Projector Manager
- Building Technology

Certification

On successful completion of the programme, the student will have a portfolio of evidence based on various practical exercises and will receive a Construction CETA-accredited certificate.

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