

ARCHITECTURAL TECHNOLOGIST

A **ARCHITECTURE** is part art and part science, and graduates can decide where they wish to position themselves in this profession.

Architectural technologists are involved in shaping our environment. Their efforts are evident everywhere you look, from the simple construction of a low-cost housing project to the most sophisticated technology employed in the erection of skyscrapers. Architectural technologists are employed in the design, technological resolution and management of construction projects.

Students receive a well-rounded education in Architecture and are exposed to a wide range of relevant topics, including design considerations (such as aesthetics and design theory), technological know-how (building materials and construction methods) and management matters (such as office practice).

Students will develop proficiency in graphic skills, attain knowledge of good building practice, gain understanding of architectural professional practice, and develop an appreciation of aesthetic and design principles. They will furthermore acquire the necessary skills in order to be productive and contribute to the industry in a meaningful manner.

COMPULSORY SCHOOL SUBJECTS

Mathematics.

RECOMMENDED SCHOOL SUBJECTS

Art, Technical Drawing and Physical Science.

ADMISSION REQUIREMENTS

A Senior Certificate or equivalent qualification is required. Further requirements differ from institution to institution.

TRAINING

UNIVERSITY OF TECHNOLOGY

Architectural Technology: At all the Universities the qualification structure for Architectural Technology commences with a 3 year National Diploma (Architectural Technology), followed by the B Tech and M Tech.

EXPERIENTIAL LEARNING/ARCHITECTURAL TECHNOLOGY PRACTICE

Students have to complete a period of hands-on learning under the mentorship of a practicing architect/architectural technologist.

CAREER OPPORTUNITIES

The architectural profession offers a wide range of specialisations from management to technology and design. Architectural technologists can start their own private practices, or work for municipalities or for the government.

Students will be able to register with the following professional bodies/institutes:

South African Council for the Architectural Profession (as candidate Architectural Technologist).

South African Institute for Architectural Technologists.

