**BACCALAUREUS TECHNOLOGIAE: ARCHITECTURAL TECHNOLOGY**  
(Field of specialisation: Technology)  
Qualification code: BTAQ95 - NQF Level 7

Campus where offered: Pretoria Campus

**Important notification to new applicants:**  
Students who intend to enrol for this qualification should take note that no new applications will be accepted as from 2020. Potential students are advised to consult the University's website for possible new qualifications which are aligned with the newly-implemented Higher Education Qualification Sub-Framework.

**REMARKS**

a. **Admission requirement(s):**  
A National Diploma: Architectural Technology or an equivalent qualification.

b. **Selection criteria:**  
Admission is subject to selection.

c. **Minimum duration:**  
One year.

d. **Presentation:**  
Day classes. Classes and assessments may take place on Friday afternoons and/or Saturdays.

e. **Intake for the qualification:**  
January only.

f. **Exclusion and readmission:**  
See Chapter 2 of Students’ Rules and Regulations.

g. **Recognition of Prior Learning (RPL), equivalence and status:**  
See Chapter 30 of Students’ Rules and Regulations.

h. **Subject credits:**  
Subject credits are shown in brackets after each subject.

Key to asterisks:  
* Information does not correspond to information in Report 151.  
(Deviations approved by Senate in March 2009.)

**CURRICULUM**

**SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.**

**YEAR SUBJECTS**

Subjects must be taken in the combinations and in the sequence indicated. The following rules will apply:

- ARA400T, CDG40PT and CDG40QT must be taken concurrently.
- CDL40PT and CDL40QT must be taken concurrently.
- STW40PT and STW40QT must be taken concurrently.

<table>
<thead>
<tr>
<th>CODE</th>
<th>SUBJECT</th>
<th>CREDIT</th>
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<tbody>
<tr>
<td>ARA400T</td>
<td>Advanced Computer Applications IV</td>
<td>(0,100)</td>
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<tr>
<td>CDG400T</td>
<td>Computer-Aided Draughting IV</td>
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<tr>
<td>CDG40PT</td>
<td>Computer-Aided Draughting: Computer Hardware IV</td>
<td>(0,050)</td>
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<td>Course Code</td>
<td>Course Name</td>
<td>Credits</td>
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<tr>
<td>CDG40QT</td>
<td>Computer-Aided Draughting: Network Systems IV</td>
<td>(0,050)</td>
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<tr>
<td>CDL400T</td>
<td>Construction and Detailing IV</td>
<td>(0,050)</td>
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<tr>
<td>CDL40PT</td>
<td>Construction and Detailing: Construction Methods IV</td>
<td>(0,050)</td>
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<tr>
<td>CDL40QT</td>
<td>Construction and Detailing: Construction Materials IV</td>
<td>(0,050)</td>
</tr>
<tr>
<td>LWC410T</td>
<td>Law and Contract Management IV*</td>
<td>(0,050)</td>
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<tr>
<td>OFP400T</td>
<td>Office Practice IV</td>
<td>(0,050)</td>
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<tr>
<td>OFP40PT</td>
<td>Office Practice: Architectural Practice IV</td>
<td>(0,050)</td>
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<tr>
<td>OFP40QT</td>
<td>Office Practice: Business Management IV</td>
<td>(0,050)</td>
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<tr>
<td>PJG420T</td>
<td>Project Management IV*</td>
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<tr>
<td>STW400T</td>
<td>Studio Work IV</td>
<td>(0,300)*</td>
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<tr>
<td>STW40PT</td>
<td>Studio Work: Contract Documentation IV</td>
<td>(0,200)*</td>
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<tr>
<td>STW40QT</td>
<td>Studio Work: Specification IV</td>
<td>(0,200)*</td>
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</tbody>
</table>

**TOTAL CREDITS FOR THE QUALIFICATION:** 1,000

**SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)**

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject. On 8 August 2018, the syllabus content was defined as follows:

**A**

**ADVANCED COMPUTER APPLICATIONS IV (ARA400T) CONTINUOUS ASSESSMENT**

(Subjec custodian: Department of Architecture)

Visual communication and presentation software, website design and maintenance. (Total tuition time: ± 24 hours)

**C**

**COMPUTER-AIDED DRAUGHTING: COMPUTER HARDWARE IV (CDG40PT) CONTINUOUS ASSESSMENT**

(Subjec custodian: Department of Architecture)

An overview of all the current terminology, concepts and basics of computing hardware. Hardware support and software support for different operating systems. (Total tuition time: ± eight hours)

**COMPUTER-AIDED DRAUGHTING: NETWORK SYSTEMS IV (CDG40QT) CONTINUOUS ASSESSMENT**

(Subjec custodian: Department of Architecture)

Current and emerging networking hardware basics and terminology. Operating system set-up for networking. Data security and maintaining networks. Basic network-related software support skills. (Total tuition time: ± eight hours)

**CONSTRUCTION AND DETAILING: CONSTRUCTION MATERIALS IV (CDL40QT) CONTINUOUS ASSESSMENT**

(Subjec custodian: Department of Architecture)

CONSTRUCTION AND DETAILING: CONSTRUCTION METHODS IV (CDL40PT) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

LAW AND CONTRACT MANAGEMENT IV (LWC410T) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

OFFICE PRACTICE: ARCHITECTURAL PRACTICE IV (OFP40PT) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)
The services and duties of the professional practitioner of architecture as defined by the Architectural Profession Act, 2000 (Act No. 44 of 2000) and the SACAP Board Notice 154 of 2009 (the Code of Professional Conduct). Specific themes include time as a resource, managing projects and clients, as well as post-completion responsibilities. (Total tuition time: ± 21 hours)

OFFICE PRACTICE: BUSINESS MANAGEMENT IV (OFP40QT) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)
Office organisation, including managing oneself, the team and the business in the architectural profession. Marketing and generating an income while establishing new business avenues. (Total tuition time: ± 10 hours)

PROJECT MANAGEMENT IV (PJG420T) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

STUDIO WORK: CONTRACT DOCUMENTATION IV (STW40PT) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)
A module integrated with Construction Methods and Materials to produce a complete set of working drawings on selected design projects. (Total tuition time: ± 224 hours)

STUDIO WORK: SPECIFICATION IV (STW40QT) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)
An introduction to the National Building Specifications (NBS) software package (or other approved software). Preparation of on-screen specifications for the building industry. Integrated with Contract Documentation. (Total tuition time: ± 15 hours)