



**Career Excel
Academy**

Higher Education

HIGHER CERTIFICATE IN CONSTRUCTION QUANTITY SURVEYING

FOR BUILT ENVIRONMENT
PRACTITIONERS

**Department of
Quantity Surveying**



**Career Excel
Academy**
Higher Education



CAPITEC



**THE SA COUNCIL FOR THE
QUANTITY SURVEYING PROFESSION**
Established in terms of the Quantity Surveying Profession Act (2010) (Act No. 46 of 2010)

This course is officially supported by the South African Council
for the Quantity Surveying Profession

2027

PRESENTATION

NQF5

120 Credits

SAQA ID: 117792

1st year University level

FORMAT

Dual delivery model

6x block weeks

In class & online

DATES & DURATION

Applications end:

31 Jan 2027

COURSE FEES

R58 000

Capitec Education Finance

STUDY STRUCTURE

Full-Time
Accelerated
(1-Year)

Part-Time
(2-Years)

Per Module Basis

Construction Quantity Surveying

Higher Certificate - 1 Year

Introduction

Quantity surveying in the built environment for the purposes of determining the feasibility of property development, calculation of construction quantities for tender purposes, followed by the endless necessity to measure construction work quantities for production and construction progress cost control is a golden thread that translates the physical structures into quantifiable 'work packages' with a monetary value attached to it. In other words, construction quantity surveying is the quantification of the labour, other work, equipment and material content and costs required to undertake construction work within a suitable legal framework. The above requires quantity surveyors that can navigate a development process, refurbishments, redevelopments and construction costing through dangerous, highly technical, economic, human resources requirements, financial, legal and endless other imperatives. From the above challenges arise tasks and fields of speciality that offers very many career opportunities.

This Higher Certificate Course provides an in-depth exploration of construction quantity surveying, equipping students for roles within the built environment sector. Noteworthy aspects comprise a wide array of career prospects, professional growth opportunities for employed individuals, and adaptable learning pathways. The primary objective of the course is to cultivate skilled professionals to adapt at navigating the complexities of insignificant investments within the built environment.

Admission Requirements

To enrol in this program, you must meet one of the following criteria:

- **Standard Entry:** A National Senior Certificate (NSC) or National Certificate Vocational (NCV/Matric).
- **Mature Age / RPL:** Be 23 years or older with relevant experience (Recognition of Prior Learning).
- **International Students:** Must hold a qualification equivalent to the South African Grade 12 level.

Subject Recommendations:

- **Mathematics/Maths Literacy:** Minimum 40% pass rate required.
- **English:** Must meet the prescribed pass mark.
- **Recommended:** School-level Science is recommended but not required.

Course Structure & Delivery

- **Next Intake:** January 2027.
- **Duration:** * Full-time: 1 Year.
- **Part-time:** 2 Years (Recommended for working professionals due to high workload).
- **Format:** Full-time students must attend 6 block weeks of classes, spread across 2 semesters.
- **APS Score:** Not applicable for this course.

RPL

Interested in Recognition of Prior Learning (RPL) or standard admission? Contact us today to schedule your admission interview.



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Class Attendance

BLOCK WEEKS

This course requires mandatory attendance of 6 week-long, on-campus (or online) sessions each academic year. These intensive block weeks are designed for hands-on activities, collaborative projects, and direct engagement with lecturers and peers.

ONLINE CLASSES & INDEPENDENT STUDY

Following each block week, you'll transition to weekly evening online classes. These sessions will be conducted via live video conference and will focus on theoretical concepts and discussions. In addition to the scheduled classes, you'll be expected to complete independent study, readings, and assignments

ASSESSMENTS & EXAMINATIONS

Your overall grade will be determined by a combination of:

- **Formal examinations** – Comprehensive tests covering material from both the block weeks and online classes.
- **Tests** – Regular, smaller assessments conducted throughout the term to gauge your understanding of specific topics.
- **Assignments** – Practical assignments, projects and coursework submitted throughout the year.

Course Outcomes

- **Qualified Professionals** – Graduates will gain a recognised Higher Certificate in Construction Quantity Surveying, serving as a stepping stone toward professional registration and advanced studies.
- **Enhanced Employability** – Graduates will be equipped with the foundational knowledge required to pursue roles in construction companies, property development firms, facilities management, and professional quantity surveying practices.
- **Technical Proficiency** – Students will be able to demonstrate the ability to quantify labour, materials and costs for construction projects, thus ensuring accurate tender preparation and cost control.
- **Practical Application** – Graduates will be equipped to effectively apply their knowledge in both office environments and on construction sites, demonstrating adaptability, technical proficiency, and practical problem-solving skills.
- **Industry Alignment** – Students will graduate with an entrepreneurial and innovative mindset, aligned with the evolving demands of the modern construction and property development industries.



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Course Objectives

- **Develop Industry-Relevant Skills** – Equip students with the essential knowledge and skills required to quantify construction work, assess feasibility, and manage construction costs in line with industry standards.
- **Bridge the Qualification Gap** – Provide a formal qualification pathway for working adults and aspiring professionals in the built environment who lack access to traditional university education.
- **Promote Career Advancement** – Enable individuals to enhance their professional competencies and career prospects, whether entering the industry as school leavers or transitioning from allied professions.
- **Foster Entrepreneurial Mindsets** – Cultivate an entrepreneurial orientation and innovative problem-solving abilities among students to adapt to dynamic industry challenges.
- **Support Sustainable Development** – Ensure students are trained to navigate complex economic, legal, financial, and technical imperatives essential for effective construction quantity surveying

Fees Structure

You can register for the course in two ways: either in full, enrolling in all modules at once, or per module, which allows for a more flexible, personalised learning path.

1

Opting for full registration offers a comprehensive and structured approach, often at a discounted rate, and ensures you complete all course requirements.

2

Alternatively, choosing to register per module gives you the flexibility to select only the modules you need, manage your learning pace, and spread the cost over time. This option is ideal for those who want to acquire specific skills or working individuals who cannot commit to the entire curriculum within an academic cycle.

FULL TIME (1 YEAR)

Once-off registration fee	R 5 000
Upfront	R 58 000
Instalments	Contact us info@cea.ac.za

CAPITEC EDUCATION FINANCE

Make use of Capitec Education Finance assistance

PART TIME (2 YEARS)

1st Year

Yearly registration fee	R 5 000
Upfront	R 33 264
Instalments	Contact us info@cea.ac.za

2nd Year

Yearly registration fee	R 5 000
Upfront	R 29 731
Instalments	Contact us info@cea.ac.za



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Course Modules & Themes

All modules are on NQF Level 5 and compulsory to complete. There are no elective modules. The Fundamental and Core modules are listed below:

	Code	SemCode	Name	Credits	Price
Core	CQS	101	Construction Quantity Surveying	16	R7 066
	CQS	102	Construction Quantity Surveying	16	R7 066
	PDT	101	Property Development	16	R7 066
	CNL	101	Construction Law	16	R7 066
	LSY	101	Land Surveying	16	R7 066
Fundamentals	SBE	101	Structure of the Built Environment	8	R3 534
	BCT	101	Basic Construction Technology	8	R3 534
	BCT	102	Basic Construction Technology	8	R3 534
	CML	101	Commercial Law	16	R7 066
				120	R 53 000

Career Prospects

Demand for Construction Quantity Surveyors is expected to rise significantly in South Africa and worldwide over the coming decade, though job availability will remain sensitive to economic trends. There is a tremendous housing backlog in South Africa, especially in relation to the lower market segments. The Higher Certificate in Construction Quantity Surveying is specifically focused on South African construction conditions and should assist in managing the Countries' unique construction challenges.

As nearly all construction projects depend on precise measuring expertise, the job outlook for quantity surveyors is strong, with opportunities available nationwide.

The South African construction industry is dominated by small and medium-sized enterprises (SMEs) with a relatively small number of larger successful listed companies still in operation. The private sector is therefore a major source of employment. Local government and government bodies also offer employment opportunities.



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Career Prospects

Typical employers include:

- Local or international construction companies
- Design and build companies
- Civil engineering contractors
- Building companies or consultancies
- Property development companies
- Organisations involved in urban regeneration and sustainable development
- Housing associations

Construction quantity surveying is a dynamic career in the Built Environment. The continuously growing fixed investments in buildings, infrastructure and civil engineering structures are in dire need of skills to properly measure project materials.

Assessment Methodology

Students will be assessed throughout the Course through a combination of formative and summative assessments, which are designed to measure achievement in the module outcomes and the Exit Level Outcomes of the qualification. Each module of the qualification will be assessed separately or in combination with other modules in an integrated assessment.

FORMATIVE ASSESSMENTS (50% OF TOTAL ASSESSMENT VALUE)

Formative assessments will be conducted continuously throughout the teaching-learning process per semester to assist lecturers and students to monitor progress and to take corrective action, where needed. Formative assessments will be in the form of:

- **Written knowledge tests**, which will account for 20% of the formative assessment value. There will be two tests, one per semester, and
- **Individual written assignments**, which will account for 30% of the formative assessment value. Short assignments must be completed per module per semester.

Written tests and assignments per module will be based on information gained through discussions of workplace-based case studies, group exercises, informal oral presentations, role plays, study material and formal lectures.

The learnings through the formative assessment process will prepare participants for the final exam. A minimum mark of 40% for formative assessments is required to write the examination.



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SUMMATIVE ASSESSMENTS (50% OF TOTAL ASSESSMENT VALUE)

The summative assessment will be done through a final exam that will cover all the modules of the program. A sub-minimum of 50% for the final exam is required for students to achieve the Higher Certificate.

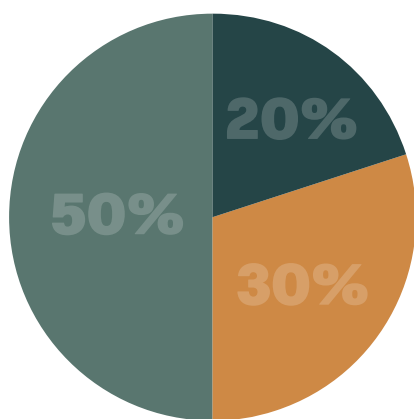
WEIGHTING OF ASSESSMENTS

Formative assessments make up 50% of all assessment marks and are in the form of:

- **Written Tests 20%**
- **Individual Assignments 30%**

Summative assessments will account for 50% of the total assessment value and in the form of:

- **Individual written exam: 50%**



Individual Written Exam
Written Tests
Individual Assignments

ADDITIONAL ASSESSMENT & ADMINISTRATION FEES

The fees below apply to special assessment sittings, re-marks, supplementary submissions, and administrative re-evaluations:

Assessment Type	Unit Fee
Exam Papers	R 500
Formal Assignments	R 300
Formal Tests	R 300

ADMINISTRATIVE TERMS & CONDITIONS:

- **Payment Required:** Assessment fees must be settled in full prior to script re-evaluation, supplementary examination scheduling, or special submission processing.
- **Non-Refundable:** All assessment administrative fees are non-refundable once the assessment process has commenced.
- **Account Settlement:** Results or re-mark feedback will only be released once the student account reflects a zero balance for administrative charges.



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Textbook List

MODULE	REFERENCE	ISBN	AVAILABILITY
All Modules	Hauptfleisch, A.C., 2025. Built Environment Commercial Terminology: A Descriptive Glossary . 2 nd Ed. Pretoria: HH Management	ISBN: 9781037051593 EBOOK ID: 9781037016196	Hard copy: Please contact vicki.fourie@medwell.co.za or 082 820 0690 Digital access: Available via Perlego (included in course fees)
SBE 101	Hauptfleisch, A.C., 2024. Structure of the Built Environment in South Africa . 10 th Ed. Pretoria: Constructive	Education. ISBN: 9780620924146 EBOOK ID: 9781037016158	Hard copy: Please contact vicki.fourie@medwell.co.za or 082 820 0690 Digital access: Available via Perlego (included in course fees)
BCT 101 & BCT 102	Hauptfleisch, A.C., 2024. Basic Construction Technology . 3 rd Ed. Pretoria: Constructive Education.	ISBN: 9780639767024 EBOOK ID: 9781037016165	Hard copy: Please contact vicki.fourie@medwell.co.za or 082 820 0690 Digital access: Available via Perlego (included in course fees)
CQS 101 & CQS 102	Maritz, G. & Siglé, H., 2016. Quantity Surveying Practice in South Africa . 2 nd Ed. Pretoria: ASAQS.		Hard copy: Order from Louisa Modise at association@asaqs.co.za or 011 315 4140 Digital access: Available via ASAQS Store
	Hauptfleisch, A.C. & Verster, J.J.P., 2024. Principles and Practice of Construction and Project Management . 2 nd Ed. Pretoria: Constructive Education.	ISBN: 9780796132970 EBOOK ID: 9781037016189	Hard copy: Please contact vicki.fourie@medwell.co.za or 082 820 0690 Digital access: Available via Perlego (included in course fees)
	ASAQS, 2015. Standard System of Measuring Building Work . 7 th ed. Midrand: Association of South African Quantity Surveyors.		Hard copy: Order from Louisa Modise at association@asaqs.co.za or 011 315 4140 Digital access: Available via ASAQS Store
CNL 101	Hauptfleisch, A.C. & Verster, J.J.P., 2024. Principles and Practice of Construction and Project Management . 2 nd Ed. Pretoria: Constructive Education.	ISBN: 9780796132970 EBOOK ID: 9781037016189	Hard copy: Please contact vicki.fourie@medwell.co.za or 082 820 0690 Digital access: Available via Perlego (included in course fees)
CML 101	Study notes for Commercial Law 101 – available on Student Platform (included in tuition fees)		
LSY 101	Course Workbook for Land Surveying– available on Student Platform (included in tuition fees)		



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PDT101	Cloete, C.E., 2026. Property Development in South Africa. 4 th Ed. Pretoria: Manplan.	ISBN: 9781049246796	Hard Copy: Available at Manplan Books (manplanbooks@gmail.com or phone 072 524 8809)
	Cloete, C.E., 2017. Property Investment in South Africa. 3 rd Ed. Pretoria: Manplan.	ISBN: 9780986984334	Hard Copy: Available at Manplan Books (manplanbooks@gmail.com or phone 072 524 8809)
	Cloete, C.E., 2020. Property Marketing in South Africa. 2 nd Ed. Pretoria: Manplan.	ISBN: 9780986984358	Hard Copy: Available at Manplan Books (manplanbooks@gmail.com or phone 072 524 8809)
	Cloete, C.E., 2024. Principles of Property Management. 3 rd Ed. Pretoria: South African Property Education Trust..	ISBN: 9780986984389	Hard Copy: Available at Manplan Books (manplanbooks@gmail.com or phone 072 524 8809)
	Prinsloo, D.A., 2016. Property Economics in Sub-Saharan Africa. 3 rd Ed. Pretoria: Manplan.	ISBN: 9780986984341	Hard Copy: Available at Manplan Books (manplanbooks@gmail.com or phone 072 524 8809)

Course Format

This Higher Certificate consists of a dual delivery model, integrating four in-person classroom sessions / workshops per year, each running from Monday to Friday and which can be attended in person or via live, interactive online sessions. The aforementioned is combined with self-study, online video sessions and evening classes throughout the year.

Registration

Registration Fee Information: Your annual registration fee secures your student status for the academic year and includes:

- 12 Months of Perlego Access: Enjoy full access to our online digital library, where the majority of your prescribed textbooks are readily available.

Please Note:

- *E-Book Availability: Not all prescribed books are available in e-book format through Perlego; any unavailable titles must be acquired independently.*

For more information on application and registration procedures, please visit our website: www.cea.ac.za.



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Course Presenters



MR DERIK COETZEE

Qualifications

B Sc QS (Honours) (2011) University of the Free State (UFS) – (with distinction)

B Sc Town and Regional Planning (Honours) (2012) University of the Free State (UFS) – (with distinction)

B Sc Town and Regional Planning (Masters) (2013) University of the Free State (UFS)

Work Experience

Currently a Senior Quantity Surveyor at Verster Berry in Association Inc: 2012 – Current

Additional Experience

SAPI Free State Northern Cape 2012 Planning Award, Category – Student Project: 2012 Speaker- International Cost Engineering Council 8th World Congress: 2012 External Moderator for the Department of Quantity Surveying and Construction Management, University of the Free State: 2014 – Current

Membership and Registration

Member of the Association of South African Quantity Surveyors (ASAQS); registered at the South African Council for the Quantity surveying Profession (SACQSP)



MR. JOUBERT VERSTER

Qualifications

Bachelor of Commerce: Accounting (Degree) (2006), Free State University

Facilities Management Course (2006), University of the Free State

B Sc QS (Honours) (2008) University of the Free State (UFS) – (Golden Key)

Work Experience

Currently a Director and Senior Quantity Surveyor at Verster Berry in Association Inc :2009 – Current
Junior Quantity Surveyor (Candidate QS) at Hilda Verster Quantity Surveyor from 2006 – 2009 where he worked as a student quantity surveyor.

Performed Audits, stock takes, compiled financial statements, VAT and income tax calculations at Mariëtte Ferreira Chartered Accountant during 2006.

Done Forensic Auditing at KPMG during 2005.



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Accounting and Administration duties at Verster Berry Partnership (part time 2002 – 2004).
During 2012 – 2014: Lecturer in Project Facility Management at University of the Free State –
Department of Quantity Surveying and Construction Management.
Guest Lecturer at Career Excel Academy (Pty) Ltd: Short Course 2017 – Current

Courses

Build your career, brick by brick. Facilities
Management Course for Built Environment
Practitioners (FMP)
Construction Project Management Course for
Built Environment Practitioners (CPMP)
Property Development Course (PDP)

Membership and Registrations

Member of the Association of South African
Quantity Surveyors (ASAQS); registered at
the South African Council for the Quantity
surveying Profession (SACQSP) and The
South African Council for the Project and
Construction Management Professions
(SACPCMP) – Candidate Construction Project
Manager.



MR. KAREL OBERHOLZER

Karel obtained an honours degree in Urban Geography from the University of the Orange Free State and an MBA from the Potchefstroom University Business School. He started his career at FNB's branch and ATM network planning division. Over the span of 14 years at the Bank Karel worked at various departments and divisions gaining valuable analytical, project management and general business experience.

He ended his career at the Bank, heading the advanced analytics and data modelling department. From June 2007 Karel was heading the ECE Project Developments Company, a subsidiary of a property syndication and investment business, providing programme and project management services to both the property development and information technology environments.

Karel was appointed as Senior Project Manager at Calgro M3 in January 2009 where he was responsible for various residential housing developments spanning across different market segments over the entire property development life cycle and value chain. This included mid to high income residential development, retirement estate as well as fully integrated housing projects requiring Government funding.

Karel started a property development and project management consulting company, named O5 Projects during the course of 2018. In addition to the consulting company Karel took up full time employment at the Bigen Group (Engineering Consulting) at the end of 2019 till July 2022, as senior property development manager. From August 2022 Karel become part owner and director of the Innovative Consolidated Group, a holding company with various subsidiaries including a steel construction company, educational institution, property development company and other.



Construction Quantity Surveying

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Contact Details

Main Campus:

CMA Office and Conference Centre
(Pty) LTD 2nd Read,
Halfway House,
Midrand, 1685



Centurion Office:

140 Bauhinia Street,
Highveld Techno Park,
Centurion, 0169



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012 884 0198



081 074 3653

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Provisionally registered as a Private Higher Education Institution Registration Certificate No. 2022/HE07/004



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Established in terms of the Quantity Surveying Profession Act 2000 (Act No 49 of 2000)



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