

# CTP

## Construction Technology Programme

**GAUTENG: MIDRAND / CENTURION / PRETORIA**  
(5-DAY CLASSROOM BASED SHORT COURSE)

### AIM OF THE COURSE

The Construction Technology Programme (CTP) is an intensive course structured to satisfy the needs of many property practitioners who have entered the industry via routes other than specific training and education in the built environment. Many persons who are responsible for the erection, maintenance, redevelopment, facilities management, project management, etc. of existing buildings and building projects, actually never had the opportunity to undergo much needed structured training or education in building construction technology. This dilemma is addressed by offering the CTP to provide the opportunity to enhance their knowledge.

The structure and content of the CTP cover a wide variety of knowledge areas, with the prime objective to foster a knowledge base and adequate information to address technical issues.

Guidance regarding the way buildings are 'put together' and how they function are given, making it possible to take responsible technical decisions, not having to rely only on the judgement of others. Comprehensive study material is provided and presented by expert lecturers and professional practitioners in the built environment. Extensive use is made of drawings, diagrams, sketches, etc.



**CEA**  
CAREER EXCEL ACADEMY



**SAPOA**  
SOUTH AFRICAN PROPERTY OWNERS ASSOCIATION



### STRUCTURE & CONTENT

The following topics, supported by suitable study material are dealt with:

- Soil mechanics and foundations
- Construction technology
- Cement and concrete
- Electrical equipment and services
- Mechanical equipment and services
- Plumbing installations: water supply, sewerage and drainage
- Building services
- Passive environmental control
- Intelligent buildings, energy efficiency and "green" technology
- Pest control
- Maintenance work
- Regulatory environment

### INFORMATION AND REGISTRATION

Kindly complete the attached registration form and submit to [info@cea.co.za](mailto:info@cea.co.za).

Queries related to Course Content: Prof Dries Hauptfleisch  
Department Head: Karel Oberholzer  
Programme Administrator: Vicki Fourie

+27 12 808 9959

+27 82 820 0690

[info@cea.co.za](mailto:info@cea.co.za)

[cea.co.za](http://cea.co.za)

*Our continuous quality management and evaluations obtained from delegates consistently reflect that our CTP courses are excellent learning experiences.*

*Enhance your career prospects now!*

# CLASS LEARNING METHODOLOGY & WORKLOAD

- This programme is classroom based and will be presented over 5 days at a venue in Pretoria or Midrand.
- All the topics are dealt with by a number of experienced professionals/lecturers who will work through the fundamentals regarding each topic.
- The course content is extensive, but delegates receive comprehensive study material for utilisation when preparing the assignment, and to support future career development.
- The course is enhanced by a short open book "Knowledge Gained Survey" on the final day of the programme and the compilation and submission of a practical and own workplace applicable assignment to be submitted two months after the completion of the course.
- This course is well suited to present in-house for specific employers.

## ASSESSMENT

As part of our ongoing quality assurance, candidates take part in the following: A short open book "Knowledge Gained Survey" on the final day of the programme.

Compilation and submission of a practical and own workplace applicable assignment two months after completion of the course.

The course content is extensive, but delegates receive comprehensive study material for utilisation when preparing the assignment, and to support future career development.

## CERTIFICATION

A certificate of competence is issued to delegates who have completed the assignments successfully.

A certificate of attendance is issued to other delegates.

## TUITION FEE

SAPOA members: R19 800

Non-SAPOA members: R22 000

Inclusive of all study material.

## WHO SHOULD ATTEND?

Persons with limited technical knowledge, who are involved in the property industry, facilities management, construction work and the built environment in general will benefit immensely from the CTP. Being a technological programme, it is equally suitable for, and aimed at both the private and the public sectors.

