

# CTP

## CONSTRUCTION TECHNOLOGY PROGRAMME

GAUTENG: MIDRAND / CENTURION / PRETORIA\*



**CEA**  
CAREER EXCEL ACADEMY

**5 DAY COURSE**

Offered by Career Excel Academy (CEA)  
in collaboration with Higher Education Institutions (HEI)

In partnership with



### TUITION FEE: R17 800

Inclusive of all study material, venue & catering

### AIM OF THE COURSE

The CTP is an intensive five day course which is 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 judgement of others. Comprehensive study material is provided and presented by expert lecturers and professional practitioners in the built environment. It is done by way of formal lectures, group work, discussion groups and case studies. Extensive use is made of drawings, diagrams, sketches, etc.



### STRUCTURE AND CONTENT

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

Soil mechanics & foundations | Construction technology  
Cement & 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

## CERTIFICATION

A certificate of competence is issued to delegates who have taken part in the knowledge survey and completed the assignment successfully. A certificate of attendance is issued to other delegates. In terms of the Higher Education Quality Committee (HEQC) Framework for Delegated Functions, Higher Education Institutions (HEI) have the authority to quality assure its own Short Learning Programmes (SLPs) and the certification is thus also SAQA compliant.

## 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, benefit immensely from the CTP. Being a technological programme, it is equally suitable for, and aimed at both the private and the public sectors.

## COMMENTS FROM DELEGATES WHO ATTENDED PREVIOUS CTP COURSES FACILITATED BY CEA

Very informative and eye opening.

Well structured for individuals with no construction background.

Good overview of the subjects.

Highly knowledgeable on subject matter.

Practical on-hands experience in the field.

## 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.

## INFORMATION AND REGISTRATION

Queries related to Course Content: Prof Dries Hauptfleisch  
Programme Administrator: Vicki Fourie

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