



CTP

Construction Technology Programme



GAUTENG: MIDRAND/CENTURION/PRETORIA*

*Accommodation and transport: You are responsible for your own accommodation and transport.

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

NQF level 6: 16 credits

Tuition fee inclusive of all study material: R13 850 VAT exempt

5 DAY COURSE

PROFILE

The CTP is an intensive five-day course which has often been facilitated by CEA for universities and institutions. The course 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 take responsibility for the erection, maintenance, redevelopment, facilities management, project management, etc. of existing buildings and building projects, actually never had the opportunity to undergo structured training or education in building construction technology. This dilemma is addressed by offering the CTP to property practitioners, giving them the opportunity to enhance their technology knowledge.

The structure and contents of the CTP cover a wide variety of technology 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 offered by a number of expert lecturers and professional practitioners in the built environment. It is done by way of formal lectures, group work, discussion groups and case studies.

STRUCTURE & CONTENTS

The following topics, which are 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

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 work-place applicable assignment three months after completion of the course.
- The course content is extensive, but delegates receive comprehensive study material for utilisation when preparing the assignment.

CERTIFICATION

A certificate of completion is issued to delegates who have completed the test and assignment successfully, whilst a certificate of attendance is issued to other delegates. In terms of the Higher Education Quality Committee (HEQC) Framework for Delegated Functions, MSA has the authority to quality assure its own Short Learning Programmes (SLPs) and the certification is thus also SAQA compliant.

WHO SHOULD ATTEND

Persons with insufficient technical knowledge, who are involved in the property industry, construction work and the built environment, 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 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 hands-on experience in the field.
- ”

Get rid of that **“blank stare”**
when technology
enters the discussion.
It follows, that very beneficial
“money saving”
technical decision making
becomes a reality
if you know **“what is what”**.

Information & Registration

Queries related to Course Content:
Prof Dries Hauptfleisch

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