ONLINE EDUCATION PROGRAMME 2020/2021

The School of Concrete Technology
CONTENTS

The School of Concrete Technology .......................................................................................................................... 1
General Information ...................................................................................................................................................... 2
SCT 10: Introduction to Concrete ................................................................................................................................ 3
SCT 12: Mortars, Plasters, Screeds and Masonry ........................................................................................................ 3
SCT 13: Making Concrete Bricks and Blocks .............................................................................................................. 3
SCT 14: Concrete for RMC Truck Drivers (special course) Not available online ......................................................... 3
SCT 15: Concrete for Batchers and Batch Plant Staff .................................................................................................. 4
SCT 20: Concrete Practice ........................................................................................................................................ 4
SCT 21: Concrete Industrial Floors on the Ground .................................................................................................... 5
SCT 22: Concrete Road Design and Construction ...................................................................................................... 5
SCT 30: Concrete Technology ..................................................................................................................................... 6
SCT 36: Properties of Concrete for the Structural Designer and Constructor (special course) ........................................ 6
SCT 37: Durability of Concrete (special course) ........................................................................................................... 6
SCT 41 & 42: General Principles and Practical Application .......................................................................................... 7
SCT 50: Advanced Concrete Technology 2021/2022 ........................................................................................................ 8
Online Course Dates 2021 ........................................................................................................................................ 9
Course Fees 2020/2021 ............................................................................................................................................. 10
Registration form: Full-time Courses (SCT 10, 12, 13, 15, 20, 21, 30, 37) ................................................................. 11
Registration form: Concrete Technology and Construction: e-learning (SCT 41 & 42) ..................................................... 13
Registration form: Advanced Concrete Technology 2021/2022 (SCT 50) ................................................................. 15
Map and GPS co-ordinates ........................................................................................................................................ 17
Contact Information .................................................................................................................................................... 18

ACCREDITATION AND ENDORSEMENT

Continuing Professional Development (CPD) points are awarded to selected online courses.

The Concrete Society of Southern Africa (CSSA) endorses all courses presented by the School of Concrete Technology.

The Concrete Institute, its directors, officers, employees, representatives and agents are not liable for any death, harm or injury caused to any person or any loss, destruction or damage caused to any person’s property or possessions arising from goods supplied by or services rendered by The Concrete Institute.
INTRODUCTION

Welcome to the Concrete Institute’s School of Concrete Technology (SCT) 2020/2021 online education programme.

2020 is a year that will always be remembered as the COVID-19 disaster year. A year in which a pandemic destroyed economies and livelihoods and lives. Although it has not been all bad news as there have been some positive outcomes. People have learnt to work from home. Zoom, Skype or Teams meetings have become the order of the day. Many of us have become more social media and information technology savvy. In many cases, through the airwaves and fibre, we have worked more efficiently and increased productivity.

The school ran its last lecture driven course at the end of March and was forced, due to lockdown, to abandon its lecture room driven courses for the time being. The good news was that the school had existing experience in delivering e-learning courses through SCT41 and SCT42 which have been running for several years. This proved invaluable for a fast conversion of all our more popular courses onto an e-learning platform. Within two months the school was able to offer 10 different courses online. These courses, where applicable, have been granted the same CPD accreditation as the lecture room based courses.

The school has learnt quickly that the online course versions offer some surprisingly good advantages. These are:

- Substantial reduction in costs
- Flexibility for the student with work or time constraints
- No travel and accommodation needed
- More time for the students to study
- Better understanding of the subject through a three-pronged approach:
  - Self-study with testing for understanding
  - Video presentations that can be watched as many times as required
  - Face to face contact with the lecture over electronic meeting platforms

Due to these wonderful benefits the concrete and concrete related industries have welcomed online training and the school has already seen many happy students graduating and receiving online course certificates.

The School of Concrete Technology would like to run their next Advanced Concrete Technology (ACT-SCT50) course at the beginning of 2022. Acceptance onto this prestigious programme requires a pass in the SCT41 and SCT42 courses. So, for those wishing to do the ACT-SCT50 course use this time to complete the SCT41 and SCT42 courses. The exams for these will be written in May 2021.

For those individuals looking for a career in concrete technology there are many opportunities available to them. South Africa has a huge requirement for competent concrete practitioners in admixture sales, laboratories, construction companies, ready mixed concrete supply, precast concrete, concrete repairs, cement production, aggregate production, and mining to name a few. The school has structured a progression of course levels that will allow a prospective student to join at a level that matches his competency. There can be no short cuts to becoming a good concrete technology practitioner and the SCT has all the educational requirements to help you meet your goals.

Please contact the School of Concrete Technology to discuss the best concrete technology educational path for you.

The school would like to thank all clients and students that supported us during 2020. We look forward to continuing your concrete education in 2021.

THE CONCRETE INSTITUTE

The Concrete Institute provides a comprehensive range of technical services to the concrete industry in Southern Africa, through the provision of education and training, information, publications on concrete technology and specialist technical services.

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GENERAL INFORMATION

Courses are now being presented online. Courses can be tailored to accommodate specific clients needs and requirements on request.

Registration for courses

Complete and e-mail the appropriate registration form on pages 11 to 16 or contact the Course Organiser. (See contact information on last page.) You may download registration forms from our website on www.theconcreteinstitute.org.za

Course fees

Please note that all course fees must be paid prior to the start of the course and bookings are only confirmed upon receipt of either the full course fee or an order from producer members of The Concrete Institute. Deposits should be made into The Concrete Institute account. Deposits and cheques must be identified by course name and date and be made out to The Concrete Institute.

A copy of the deposit slip must be e-mailed with the reference number to eldenem@theconcreteinstitute.org.za

Banking details

Standard Bank, Midrand, branch code 001155 and account number 202 493 784 / SWIFT CODE: SBZAZAJJ.

NB: Always clearly identify the course, course dates and the person(s) for whom payment is being made.

Cancellations

If you cancel a confirmed booking five or more business days prior to the course we will levy cancellation charges of 50% of the course price. Cancellations less than five days prior to the course and non-attendance will result in a charge of 100% of the course price.

VAT invoices

A Tax Invoice will only be issued to customers on request and or receipt of a purchase order number from a producer member and customers that are registered vendors with The Concrete Institute. All invoices must be paid within 30 days of receipt. To assist with payments, quotations will be issued on receipt of a registration form.

The Concrete Institute certificates

The Concrete Institute certificates of competence or attendance will be awarded to successful learners. Certificates will be emailed to learners. Reprint of lost certificates will be done at a fee of R500 excl VAT.

Rewrites

Learners may be permitted to rewrite a test, by mutual agreement with the SCT lecture and also depending on the result.

ICT EXAMS STAGE 2, 3 and ACT time: 11h00 - 14h00
COURSES

SCT 10
Introduction to concrete
2-3 days online
Lab session included in the form of a virtual presentation, video recording and description
This course is recommended for small, medium and micro enterprises, junior technical and sales staff in the building, construction and allied industries, and anyone wanting a short introduction to concrete. Delegates must be able to read and write English.
SYLLABUS
• Properties of concrete
• Materials for concrete
• Receiving and storing materials
• Batching, mixing and testing concrete
• Transporting, placing and compacting
• Finishing and surface preparation
• Protection and curing
• Formwork and reinforcement
• Sand-cement mixes
• Durability of concrete

SCT 12
Mortars, plasters, screeds and masonry
1 day online
Lab session included in the form of a virtual presentation, video recording and description
This course was originally developed to assist NHBRC inspectors to interpret the requirements of the NHBRC ‘Home Builder’s Manual’ and is written around that manual to the extent that the clauses are cross-referenced from the notes.
SYLLABUS
• Factors that affect the strength of concrete
• The role and selection of cement, sand, stone and water
• Receiving and storage of materials
• Mix proportions for concrete for foundations and floors
• Floor screeds
• The slump and cube tests for concrete
• Concrete and clay masonry, expansion and shrinkage
• Cavity walls and block walls
• The need for movement joints
• Properties of mortar and plaster
• Sand-cement mixes
• Common causes of cracking
• Screeds

SCT 13
Making concrete bricks and blocks
1 day online
Lab session included in the form of a virtual presentation, video recording and description
This course will assist with empowering learners, giving them a rudimentary understanding of how to manufacture masonry units. Delegates must be able to read and write English.
SYLLABUS
• Requirements of masonry
• How cement works and how to make masonry strong
• The quantity of water necessary for workability
• Blockmaking machines
• Selection of materials and mix proportions
• Curing of finished blocks
• Storage of materials
• Sand-cement mixes
• Testing of masonry
• Building with masonry to minimise cracking

SCT 14
Concrete for RMC truck drivers
SPECIAL COURSE
(Not available online – only on-site training)
Lab session included in the form of a virtual presentation, video recording and description
This course is intended to give RMC truck drivers an introduction to concrete and the tests that may be carried out in their presence. The course will provide basic concrete technology and will enable the driver to understand the importance of his position as a front line staff member interfacing with the client.
SYLLABUS
• Factors that affect the strength of concrete
• Bleeding, workability, cohesion and segregation of concrete
• The slump test – how to do it and what it means
• The cube test – how to make cubes and what they mean
• The effect of hot/cold weather on the transport of concrete
• Delays, contamination or spillage during transport
• Access to the worksite
• The effect of the addition of water
• Transport of concrete around the site after discharge
• Things to observe on site
• Washing out of the truck
• Customer relations
SCT 15  
**Concrete for batchers and batch plant staff**  
Lab session included in the form of a virtual presentation, video recording and description

The Concrete Institute (TCI) has developed this one day course in partnership with Southern African Readymix Association (SARMA). It will be presented in Johannesburg, Durban, Port Elizabeth and Cape Town. This course covers important topics that will provide batchers and staff at a batch plant with the essential concrete education and theory required to competently do their jobs and produce quality readymix concrete.

- A batchers responsibilities  
- Constituent materials and the effect they have on concrete  
- Fresh properties of concrete and the tests required to check these properties  
- Basics of mix design including the control of the overall water content in a mix  
- Testing for the hardened properties of concrete  
- Clients requirements and customer satisfaction  
- Basic management of a batch-plant including quality control and assurance

Who should attend  
This course has been developed specifically for batchers but would also greatly benefit any person working on or with a batch plant including supervisors, laboratory staff, sales staff and general labourers.

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SCT 20  
**Concrete practice**  
Lab session included in the form of a virtual presentation, video recording and description

**CPD Points – 4**

This course is recommended for foremen, clerks-of-work, technicians, supervisors, sales and technical staff in the building, construction, mining and related industries.

**Minimum entrance requirements**
Grade 10, able to read and write English and do basic arithmetic calculations including percentages and ratios.

**SYLLABUS**

- Properties of fresh concrete  
- Properties of concrete at early ages  
- Properties of hardened concrete  
- Materials for concrete  
- Mix proportions and quantities  
- Concrete production  
- Transporting  
- Placing and compacting  
- Protection and curing  
- Formwork  
- Reinforcement  
- Joints  
- Sand-cement mixes  
- Concreting in hot and cold weather  
- Defects and repairs  
- Low-density concrete  
- Prestressed concrete  
- Precast concrete  
- Off-shutter and architectural finishes  
- Sampling and testing  
- Concrete pavements
SCT 21
Concrete industrial floors on the ground
CPD Points – 1

This concrete industrial floors on the ground course aims to help engineers and contractors by giving a broad, detailed and practical overview of all facets of industrial floor construction.

Minimum entrance requirements
Grade 12 minimum.

SYLLABUS
- Design philosophy
- Subgrades and subbases
- Concrete
- Joints
- Reinforcement
- Construction
  - Subgrades and subbases
  - Damp-proofing
  - Construction joints
  - Concrete production and placing
  - Construction methods
  - Vacuum dewatering
  - Side forms
  - Dowels
  - Edging
  - Finishing
  - Curing
  - Joint sawing
  - Joint sealing
- Surface finishes
  - Construction methods
  - Finishing techniques
  - Adverse weather
  - Concrete toppings
  - Surface treatments
- Special applications

SCT 22
Concrete road design and construction
CPD Points – 1

This course focuses on the technology applied in the design and construction of concrete pavements. It covers the supporting layers, thickness design using computer program, cncPave, and joint design, detailing and layout. Concrete materials and mix design, construction, modes of distress and failure and rehabilitation are also included.

Minimum entrance requirements
A degree or diploma in civil engineering is recommended. A number of years’ experience in road design and/or construction is highly recommended.

SYLLABUS
- Pavement types and behaviour
  - Rigid pavement types and behaviour
  - Distress and modes of failure
  - Design objectives
- Concrete pavement support
  - Subgrades
  - Subbases
  - Drainage
- Pavement design
  - Introduction to mechanistic design
  - Mechanistic design – cncPave and other methods
  - Use of cncPave
- Concrete mix design
  - Materials and specifications
  - Mix design
  - Durability
- Joints
  - Load transfer
  - Joint design
  - Joint layout
  - Sealants
- Reinforcement
  - Use and detailing of reinforcement
- Construction
  - Mechanised
  - Labour intensive
  - Inlays
  - Overlays
  - Low volume roads

Administered by SARF on 11 394 9025
SCT 30
Concrete technology
Lab session included in the form of a virtual presentation, video recording and description
CPD Points – 5
This is an intensive course intended for civil and structural engineers, experienced technicians and technologists and is an excellent medium for gaining detailed knowledge of how cement and concrete works. Recommended for electrical, mechanical and mining engineers to meet their mining qualification requirements.

Minimum entrance requirements
Grade 12 with mathematics and science and at least two years of appropriate experience.

SYLLABUS
• Properties of fresh concrete
• Properties of concrete at early ages
• Properties of hardened concrete
• Cement and cementitious extenders
• Aggregates
• Mixing water and chemical admixtures
• Concrete mix design
• Concrete production
• Transporting
• Placing and compaction
• Protection and curing
• Formwork
• Reinforcement
• Joints
• Defects, blemishes and repairs
• Mix design and mixes for specialised applications
• Sand-cement mixes
• Off-shutter and architectural finishes
• Temperature and concrete

SCT 36
Properties of concrete for the structural designer and constructor
1-2 days online
CPD Points – 1
This is a one day course on concrete aimed at engineers who have past experience or training in concrete technology and who would like to refresh their knowledge on important concrete concepts. The course has a bias towards specification requirements for concrete.

SYLLABUS
• Constituent materials of concrete and their roles
• Mix proportions, batching and mixing
• Formwork, placement and compaction
• Concrete temperature, curing and joints
• Compressive strength and acceptance of cube crushing results
• Tensile, bond and shear strength
• Resistance to abrasion
• Cracking in the plastic and hardened state
• Moisture, thermal and chemical expansion and contraction
• Deformation under load
• Specification of concrete

SCT 37
Durability of concrete
1 day online
CPD Points – 1
This course gives an excellent overview of all the topics that are related to concrete durability. It is ideal for an engineer or concrete technologist or foreman involved in the specification, production or placement of durable concrete.

SYLLABUS
• How cement works to ensure impermeability
• Mechanisms of mechanical deterioration
• Methods of making concrete impermeable
• Testing of permeability, sorptivity and conductivity
SCT 41 & 42 e-learning
Concrete technology & construction (Stage 2 and 3) offered by the Institute of Concrete Technology (ICT) based in London

The SCT 41 and 42 are ideal bridging courses for those who would like to do the SCT 50 Advanced Concrete Technology diploma. They will substantially expand on the knowledge gained in the SCT 30 Concrete Technology course. It is recommended that a potential delegate should have completed the SCT 30 Concrete Technology course before attempting these courses. A pass in the SCT 41 and 42 courses is a prerequisite to being accepted onto the SCT 50 Advanced Concrete Technology diploma program.

The two courses offered are:
- SCT 41: General Principles (Part 1) (ICT Stage 2)
- SCT 42: Practical Applications (Part 2) (ICT Stage 3)

The courses are presented in an e-learning format. The aim in studying concrete technology via this on-line course will be to prepare yourself for the Institute of Concrete Technology’s Stage 2 and Stage 3 (General Principles & Practical Application examinations).

The Institute of Concrete Technology (ICT), based in London, UK provides the course objectives and the final examination.

The Concrete Institute (TCI) based in Midrand, South Africa provides you with:
- The on-line course, consisting of 36 online lessons covering all the ICT requirements
- Specialist lecturer supervision, guidance and input, via email
- Online compulsory workshops are scheduled shortly before the examination
- An examination venue
- A compilation of ICT past years exam papers
- Upon registration and full payment, you will receive a licence key.

Registrations will be accepted until 15 January 2021. Any cancellation for examinations must be done before end of February to avoid being charged registration fee.

The examinations consist of one three-hour paper for each course. Exams are written in Midrand only.

(All queries related to the examination scripts and or examination remarking must be dealt with ICT (London) directly.)

Minimum entrance requirements
Grade 12.
Compulsory revision workshops are held in Midrand only in April 2021 prior to the examinations in May.

ICT EXAMS STAGE 2, 3 and ACT time: 11h00 - 14h00
The Advanced Concrete Technology (ACT) diploma enjoys world-wide acceptance as the leading qualification in concrete technology and is examined by the UK based Institute of Concrete Technology (ICT). The ICT is a Professional Affiliate Body of the UK Engineering Council and it promotes concrete technology as a recognised engineering discipline. It also sets high educational standards and requires its members to abide by a code of Professional Conduct, thus enhancing the profession of concrete technology. The ACT course is run at The Concrete Institute in South Africa once every two years. The next Advanced Concrete Technology (ACT) course will commence in January 2022 with two exams written in July 2022.

The target audience includes qualified and experienced civil engineers, cement chemists, concrete technologists and technicians involved in the building, construction, precast concrete, mining, cement, aggregate, admixture and ready-mix concrete industries.

Delegates who pass both three-hour examinations and pass their research project will receive the Advanced Concrete Technology Diploma. This qualifies them for Corporate Membership of the ICT and, as corporate members, they may write the letters MICT behind their names.

Applications
Please submit your registration to the Course organiser for the 2022 course by mid November 2021.

Recommended entrance requirements
An appropriate qualification in civil engineering or any other appropriate branch of science or technology. A pass in SCT 41 and SCT 42 is deemed an appropriate qualification. Without these qualifications, a learners prior knowledge will be assessed by the Education and Training manager before acceptance of registration.

The course covers some 75 topics falling into the following broad categories:
- Cements
- Additions to concrete
- Admixtures
- Aggregates
- Fresh concrete
- Setting and hardening of concrete
- Properties of hardened concrete
- Durability of concrete
- Concrete construction
- Mix design
- Special concretes
- Ready-mixed concrete
- Special processes and technology for particular types of structures
- Concrete finishes
- Repairing concrete
- Formwork
- Concrete plant
- Precast concrete
- Concrete roads
- Industrial floors
- Principles of reinforced and prestressed concrete
- Test methods and equipment
- Quality concepts
- Quality control
- Statistics
- Standards, specifications and codes of practice
- Assessment of concrete construction
- Sources of information

ACT Diplomas are awarded by the Institute of Concrete Technology, UK, to successful delegates.

Compulsory attendance requirements
Lectures: Last two weeks in January
Last two weeks in February
Workshop: 1 week in June. Please see dates page.

ICT EXAMS STAGE 2, 3 and ACT time: 11h00 - 14h00
**ONLINE COURSE DATES 2020/2021**

Please find the start date for the courses, on registration the duration of the course will be communicated.

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>SCT 15 – Concrete for Batchers and Batch Plant Staff</td>
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SCT 41 ICT Concrete Technology and Construction – General principles (includes a 2 day compulsory workshop)

South Africa.................................................................15 000 .... 17 250
African countries...............................................................15 000
Other countries...............................................................15 000
Re-examination ......................................................................2 160 .... 2 484
Workshop (Re: Registration) (per part) ......................................2 000 .... 2 300

SCT 42 ICT Concrete Technology and Construction – Practical applications (includes a 2 day compulsory workshop)

South Africa.................................................................15 000 .... 17 250
African countries...............................................................15 000
Other countries...............................................................15 000
Re-examination ......................................................................2 160 .... 2 484
Workshop (Re: Registration) (per part) ......................................2 000 .... 2 300

SCT 50 Advanced Concrete Technology 2021/2022 .........................................48 800 .... 56 120
Re-examination (per part)........................................................2 760 .... 3 174
REGISTRATION FORM

SCT 10, 12, 13, 15, 20, 21, 30, 36 special & 37 special

The Concrete Institute (School of Concrete Technology)
Tel: +27 (0)11 315 0300
E-mail: eldenem@theconcreteinstitute.org.za
Website: www.theconcreteinstitute.org.za

To register for a course, please complete this form and e-mail to the Course Organiser. You may also download the registration form from our website at http://www.theconcreteinstitute.org.za

I wish to attend the following course: Please tick the appropriate box

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<th>Course Code</th>
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<tr>
<td>SCT 21</td>
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<td>SCT 30</td>
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<tr>
<td>SCT 36 SPECIAL</td>
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<tr>
<td>SCT 37 SPECIAL</td>
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<td>Re-print certificate</td>
</tr>
<tr>
<td></td>
<td>Rewrite SCT</td>
</tr>
</tbody>
</table>

Start date of course....................................................... Venue.................................................................

Where did you hear about us:
Facebook  LinkedIn  Twitter  Internet  Word of Mouth

It is imperative that all fields are completed. Without completion, we cannot process registrations.

Delegate’s Details
Title & initials   Surname
First Name  (as per ID book)  ID number
Sex: M  F  Tel no H
Date of Birth
Tel no W
E-mail

Educational Qualifications:
Grade 8  Grade 9  Grade 10  Grade 11  Grade 12  Other

Tertiary Qualifications
Trade/occupation

Contact details of person responsible for sending you on course
Name  Position in Company
Tel no W
Cell     E-mail

Signature of person responsible for sending you on course: ..

Please complete overleaf
It is imperative that all fields are completed. Without completion, we cannot process registrations.

### Invoicing Details

<table>
<thead>
<tr>
<th>Invoice required</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

#### Name of Person responsible for payment

#### Position in Company

#### Tel no W

#### Company Name

#### Company Postal Address

#### Company VAT No.

### METHOD OF PAYMENT

**Payment, or proof thereof must be received prior to the training**

**NOTE**  No certificates will be generated up until full proof of payment is receipted by the course organiser. For payments receipted after the course is completed, the onus is upon the company or individual’s to collect.

<table>
<thead>
<tr>
<th>Cash</th>
<th>Bank Deposit</th>
<th>EFT</th>
</tr>
</thead>
</table>

### IMPORTANT INFORMATION

**All fees are payable in advance**

- Registration is only confirmed on receipt of full payment.
- Customers will be invoiced on request.
- All invoices must be paid within 30 days of receipt.
- Zoom sessions will be presented.
- Time will be communicated upon registration.
- The School reserves the right to postpone, cancel or change the venue of courses should the need arise.
- Full fees will be refunded on request.

### Cancellations

- Cancellations of a confirmed booking five or more business days prior to the course, we will levy cancellation charges of 50% of the course price, subject to any applicable law.
- Cancellations less than five business days prior to the course and non-attendance will result in a charge of 100% of the course price, subject to any applicable law.

### Payment

- Electronic transfer or direct deposit into our bank account, must be validated by an emailed copy of the transaction slip clearly identifying the delegate(s), course and your company name to e-nsure that your payment is correctly allocated. Please include the reference number reflected on your quotation.

#### Banking details:

- **Standard Bank**
  - Branch code: 00 11 55
  - Account No: 202 493 784
  - Branch: Midrand
  - Swift code: SBZAZAJJ

I have read and understood the above:  SIGNATURE .................................................................

NAME IN BLOCK LETTERS .................................................................................................
REGISTRATION FORM

Concrete technology & construction: e-learning SCT 41 & 42
The Concrete Institute (School of Concrete Technology)
Tel: +27 (0)11 315 0300
E-mail: eldenem@theconcreteinstitute.org.za
Website: www.theconcreteinstitute.org.za • PO Box 168, Halfway House, 1685, Midrand, South Africa

To register for a course, please complete this form and e-mail to the Course Organiser. You may also download the registration form from our website at http://www.theconcreteinstitute.org.za

I wish to attend the following course: Please tick the appropriate box

<table>
<thead>
<tr>
<th>Course</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCT 41 General Principles</td>
<td>☐</td>
</tr>
<tr>
<td>SCT 41 Workshop</td>
<td>☐</td>
</tr>
<tr>
<td>SCT 42 Practical Applications</td>
<td>☐</td>
</tr>
<tr>
<td>SCT 42 Workshop</td>
<td>☐</td>
</tr>
<tr>
<td>Re-examination in SCT 41</td>
<td>☐</td>
</tr>
<tr>
<td>Re-examination in SCT 42</td>
<td>☐</td>
</tr>
</tbody>
</table>

(Exams are written in Midrand only)

Where did you hear about us:
Facebook ☐ LinkedIn ☐ Twitter ☐ Internet ☐ Word of Mouth ☐

It is imperative that all fields are completed. Without completion, we cannot process registrations.

Delegate's Details

<table>
<thead>
<tr>
<th>Title &amp; initials</th>
<th>Surname</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>First Name</th>
<th>ID number</th>
</tr>
</thead>
<tbody>
<tr>
<td>(as per ID book)</td>
<td>(Registration will only be accepted with a copy of Delegate's ID or Passport)</td>
</tr>
</tbody>
</table>

| Sex: M ☐ F ☐ | Tel no H ☐ ☐ ☐ |

| Date of Birth | ☐ ☐ ☐ |
| Tel no W ☐ ☐ ☐ |

| E-mail .......................................................... | Cell no ☐ ☐ ☐ ☐ |

| Educational Qualifications: | Grade 8 | Grade 9 | Grade 10 | Grade 11 | Grade 12 | Other |

| Tertiary Qualifications .................................................................................................................. |

| Trade/occupation .............................................................................................................................. |

Contact details of person responsible for sending you on course

| Name ................................................................. | Position in Company ........................................ | |

| Tel no W ☐ ☐ ☐ ☐ | Cell ☐ ☐ ☐ |

| E-mail .......................................................... |

Signature of person responsible for sending you on course: ..

Please complete overleaf
It is imperative that all fields are completed. Without completion, we cannot process registrations.

**Invoicing Details**

<table>
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<tr>
<td>Position in Company</td>
<td>E-mail</td>
<td></td>
</tr>
<tr>
<td>Tel no W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Company Name**

<table>
<thead>
<tr>
<th>Company Postal Address</th>
</tr>
</thead>
</table>

**Company VAT No.**

**METHOD OF PAYMENT**

Payment, or proof thereof must be received prior to the training

<table>
<thead>
<tr>
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<th>Bank Deposit</th>
<th>EFT</th>
</tr>
</thead>
</table>

**IMPORTANT INFORMATION**

**All fees are payable in advance**

- Registration is only confirmed on receipt of full payment.
- Customers will be invoiced on request.
- All invoices must be paid within 30 days of receipt.
- Workshop will be presented via Zoom.
- Times will be communicated upon registration.
- Exam hours are from 11h00 to 14h00.
- The School reserves the right to postpone, cancel or change the venue of courses should the need arise.
- Full fees will be refunded on request.

**Cancellations**

- Cancellations of a confirmed booking five or more business days prior to the course, we will levy cancellation charges of 50% of the course price, subject to any applicable law.
- Cancellations less than five business days prior to the course and non-attendance will result in a charge of 100% of the course price, subject to any applicable law.

**Payment**

- Electronic transfer or direct deposit into our bank account, must be validated by an e-mailed copy of the transaction slip clearly identifying the delegate(s), course and your company name to ensure that your payment is correctly allocated. Please include the reference number reflected on your quotation.

**Banking details:**

- Standard Bank
- Branch code: 00 11 55
- Account No: 202 493 784
- Branch: Midrand
- Swift code: SBZAZAJJ

I have read and understood the above: SIGNATURE ............................................................

NAME IN BLOCK LETTERS .................................................................................................

(All queries related to the examination scripts and or examination remarking must be dealt with ICT (London) directly.)
REGISTRATION FORM

SCT 50 Exam registration and ACT 50 Expression of interest

The Concrete Institute (School of Concrete Technology)
Tel: +27 (0)11 315 0300  ●  E-mail: eldenem@theconcreteinstitute.org.za
Website: www.theconcreteinstitute.org.za  ●  PO Box 168, Halfway House, 1685, Midrand, South Africa

To register for a course, please complete this form and e-mail to the Course Organiser. You may also download the registration form from our website at http://www.theconcreteinstitute.org.za

I wish to attend the following course: Please tick the appropriate box

- Advanced concrete technology (2019)
- Re-examination (2019) PART 1
- Re-examination (2019) PART 2

(Exams are written in Midrand only)

Where did you hear about us:
Facebook  LinkedIn  Twitter  Internet  Word of Mouth

It is imperative that all fields are completed. Without completion, we cannot process registrations.

Delegate’s Details

Title & initials  Surname
First Name  ID number
(as per ID book)  (Registration will only be accepted with a copy of Delegate’s ID or Passport)

Sex:  M  F  Tel no H

Date of Birth

Tel no W

E-mail

Cell no

Highest Qualification achieved

Educational Qualifications:

Tertiary Qualifications:

Trade/occupation:

<table>
<thead>
<tr>
<th>Degrees, diplomas, Certificates (State level or grade)</th>
<th>awarding body</th>
<th>subjects passed</th>
<th>date</th>
</tr>
</thead>
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</tbody>
</table>

Experience

Please provide and attach the following information for each position held: Dates, Position, Level of responsibility, Type and nature of work. (Note: A normal CV is unlikely to provide sufficient detail)
It is imperative that all fields are completed. Without completion, we cannot process registrations.

<table>
<thead>
<tr>
<th>Invoicing Details</th>
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<th>Yes</th>
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<td>E-mail</td>
<td></td>
</tr>
<tr>
<td>Tel no W</td>
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</tr>
<tr>
<td>Company Name</td>
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**METHOD OF PAYMENT**  Payment, or proof thereof must be received prior to the training

- Cash
- Bank Deposit
- EFT

**IMPORTANT INFORMATION**

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NAME IN BLOCK LETTERS .................................................................

(All queries related to the examination scripts and or examination remarking must be dealt with ICT (London) directly.)
JOHANNESBURG (not to scale)

Waterfall Park, Midrand
Block D, Building 10, Lone Creek, Waterfall Park, Bekker Road, Midrand
Tel +27 (0)11 315-0300
GPS coordinates S 26° 0.724’ E 28° 6.983’
CONTACTS

Kyriakos (Gary) Theodosiou
PrEng BSc(Eng) GDE, MICT
Gary graduated from Wits University in 1978 and has 17 years experience in structural concrete, steel and timber design. During this time he worked for Keeve Steyn & Partners (now known as Goba), LSL incorporated (a company that specialises in materials handling), BKS incorporated and Anglo American where he was involved in several major reinforced/prestressed concrete and structural steel structural projects including Soccer City, the Chamber of Mines Engineering Building at Wits University, the Vaal Triangle Technikon, precooling towers and reservoir for Vaal Reefs 10 Shaft, Sadiola Gold Mine in Mali and TR5 Transfer house for the Taiwan Power company. Gary joined C&CI in December 1995. He has worked in the Technical department, the School of Concrete Technology and headed the structural marketing focus department until C&CI closed in April 2013.

John Roxburgh
BSc (Building Science), MICT
After completing his Building Science degree, John worked for LTA building where he gained extensive experience on various contracts. Before joining TCI, John spent six years as a technical manager in the brick and block manufacturing industry, a job in which he travelled widely through Africa doing technical training. John was awarded his Advanced Concrete Technology diploma in 2013. He has a keen interest in all facets of the concrete industry and is especially passionate about concrete technology education.

Matthews Magwaza
Lecturer
Matthews Magwaza was introduced to world of cement and concrete when he joined Cement Distributors of South Africa where he remained for seven years. He joined the C&CI in 1996 where he contributed to the training laboratory and presented onsite training. He has the ability to speak five African languages, which assist delegates that do not have English as their first language.

LECTURERS

Gary Theodosiou  garyt@theconcreteinstitute.org.za
John Roxburgh  johnr@theconcreteinstitute.org.za
Matthews Magwaza  matthewsm@theconcreteinstitute.org.za

COURSE ADMINISTRATOR
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COURSE ORGANISER
Eldene Magill  eldenem@theconcreteinstitute.org.za

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sct@theconcreteinstitute.org.za
www.theconcreteinstitute.org.za