

About the College ..... 01
Vission. ..... 01
Mission. ..... 01
Values ..... 01
College Profile ..... 02
Brand Interpretation. ..... 02
Student Guide. ..... 02
TVET Bursary Scheme. ..... 03-04
NC(V) Admission Requirements ..... 05
Report 191 Admission Requirements ..... 06-07
Occupational Programmes ..... 08
Pre- Matric Qualification (Courses) NC(V) Level 2 - Level 4 ..... 09
Business Studies ..... 10-11
Finance, Economics and Accounting. ..... 11
Management (Wholesale and Retail) ..... 11
Marketing ..... 11
Office Administration ..... 11
Information and Communication Technology. ..... 11

Creative and Social Services Studies. ..... 12
Tourism. ..... 12
Hospitality. ..... 12
School Of Engineering. ..... 13-14
Civil Engineering and Building Construction. ..... 13
Electrical Infrastructure and Construction. ..... 13
Process Plant Operations. ..... 13
Engineering and Related Design. ..... 14
Post-Matric Qualification (Courses) Report 191 N4 - N6. ..... 15
Business Studies. ..... 16-17
Financial Management. ..... 16
Human Resource Management. ..... 16
Management Assistant. ..... 16
Marketing Management. ..... 16-17
Creative and Social Services Studies (Report 191 N4 - N6) ..... 18
Tourism ..... 18
Hospitality. ..... 18
School Of Engineering (Report 191 N1 - N6) ..... 19-20
Electrical Engineering(Light Current N1-N3). ..... 19
Mechanical Engineering (N1-N3) ..... 19
Electrical Engineering(Light Current N4-N6) ..... 19
Electrical Engineering(Heavy Current N4-N6) ..... 20
Civil Engineering (N4-N6) ..... 20
Mechanical Engineering (N4-N6) ..... 20


## ABOUT THE COLLEGE

EKURHULENI EAST TVET COLLEGE
"Committed to Excellence"

## VISION

To be a world class TVET College where young people are empowered with relevant knowledge and skills, preparing them for the labour market and self-employment.

## MISSION

To create a quality learning environment that anticipates, prepares for and meets the Education, Training and Development expectation of our clients.

## VALUES

- Focus on clients
- Innovative and responsive service
- Focus on learning
- Ethical Practice
- Respect for our people
- Equitable access to our service
- Continual improvement
- Technical professional excellence
- Respect for the environment


## Brand Interpretation

The bright red African Sun represents the unification of the five merged campuses and one Centre into one dynamic College with great hopes of growth and success in the future.

The aqua blue ' $e$ ' represents the lake districts of the East Rand: The ' $e$ ' stands for:

- Excellent
- Efficient
- Economical
- Education @ Ekurhuleni East College

The Golden sunrays represent the vitality of the sun, the sunny Highveld Region where the College is situated and the gold mines which form part of the East Rand landscape.

The multiple sunrays are symbolic of a vital vocational education permeating the community as the College strives to be all our students' partner to a brighter future.

## International Student Guide to Study at our Institution

- Prospective International students are advised to have their international qualifications evaluated by the South African Qualifications Authority, prior starting the application to study at the institution. The South African Qualification Authority details are as follows:

1067 Arcadia Street
Hatfield

## Pretoria

Tel: (012) 4315000 or visit their website at www.saqa.org.za
It is important for international students to have a valid study permit till completion of relevant study period.

## DEPARTMENT OF HIGHER EDUCATION AND TRAINING TVET BURSARY SCHEME

In order to facilitate access to TVET College programmes, DHET has set aside a budget for bursaries to students who enroll for Report 191 courses and $N C(V)$ programmes. The National Student Financial Aid Scheme (NSFAS) administers the bursaries on behalf of the Department of Higher Education and Training.

## BURSARY/ ADMISSION

## The following students are eligible to apply

Provisionally accepted you must apply for a bursary at the campus.

- Only South African citizens.
- Students who are financially needy.
- Students who perform academically.
- Must not be enrolling for a qualification equivalent to previous learning that was state-funded.


## PLEASE NOTE !

- This is a $100 \%$ bursary, $0 \%$ loan. All bursary funds which are awarded do not have to be paid back to the college or DHET/NSFAS.
- Bursaries are not guaranteed. Terms and conditions apply viz good/excellent academic performance; $100 \%$ class attendance; satisfactory means test conducted by NSFAS and submission of all applicable documents.
- Priority will be given to tuition fees and if funds are still available, transport or accommodation allowances will be considered.
- Over and above, personal care is provided to all NSFAS bursary recipients

To apply for a bursary, the following documents must accompany the bursary application form:

- Three certified copies of the students ID (X3).
- Two certified copies of parents/guardians' ID (X2).
- Two certified copies of IDs of other members in the household (X2).
- The latest original or certified copies of the parents/guardians' payslips.
- Sworn affidavits from parents/guardians in the event that they are unemployed.
- Proof of residence.
- Completed and signed Consent Form.

DHET Bursaries are not guaranteed, there are procedures in place for the administration and awarding of these bursaries. The application process is electronic; students can apply online to NSFAS.

ADMISSION
all prospective students are advised to visit campuses so they can be ASSISTED IN KNOWING IF THEY QUALIFY FOR ADMISSION

- Students who enroll for a qualification that duplicates a previous qualification that was state-funded are not eligible for financial assistance. This implies that the National Student Financial Aid Scheme(NSFAS) bursary recipients who complete $\mathrm{NC}(\mathrm{V})$ Level 4 are not eligible for additional financial assistance should they want to enroll for another NC(V) programme or Report 191 N1-N3. Similarly, bursary recipients who complete Report 191 N6 are not eligible for financial assistance should they want to enroll for another Report 191 programme or an NC(V) programme.
- For articulation purpose, the only cohort of students eligible for financial assistance for the second qualification are bursary recipient who complete NC(V) Level 4 and Report 191 N3 and would like to enroll for Report 191 (N4-N6).
- PLP students are eligible for financial assistance should they wish to articulate to NC(V) L2-L4 OR Report 191 (N1-N6).


## ADMISSION REQUIREMENTS NC(V) STUDENTS

Minimum entrance requirements are aligned to the $\mathrm{NC}(\mathrm{V})$ programme and policy. Students must have passed:

- An NQF level 1 qualification i.e. Grade 9
- AET level 4
- PLP Results
- General Education and Training Certificate L4 (GETC)

| Subjects | Minimum <br> Pass <br> Requirement | PLP minimum pass <br> requirement for access <br> to: |  |
| :--- | :---: | :---: | :--- |
|  |  | NC(V) Level2 | NC(V) L2 ICT \& NC(V) <br> LEVEL 2 Engineering <br> Programmes |
|  | 50 | 50 | 50 |
| Mathematics | 40 | 40 | 60 |
| Science | 40 | 40 | 60 |

## NC(V) ADMISSION

| Life Skills | 50 | 50 | 50 |
| :--- | :---: | :---: | :---: |
| Average | $45 \%$ | $45 \%$ | $55 \%$ |

Additional Requirement: Grade 9 +

| NC(V) <br> Programme | Subject Requirements | Subjects Pass <br> Requirement |
| :---: | :---: | :---: |
| Finance, <br>  <br> Accounting | EMS and Mathematics | $40 \%$ |
| Management | Mathematical Literacy | $50 \%$ |
| EMS and Mathematics | $40 \%$ |  |
| Tourism | Mathematical Literacy | $50 \%$ |
| Hospialality Studies ( added advantage) | Consumer Studies (added advantage) | $50 \%$ |

## ADMISSION REQUIREMENTS REPORT 191 STUDENTS

Minimum entrance requirements are aligned to the Report 191 programme requirements. Students must have passed:

- Grade 12/ NC(V) Level 4 may be admitted into N4 Business/Engineering studies and Creative \& Social Services, subject to any other programme/faculty requirements.

Minimum entrance requirements for Report 191 N1 Engineering studies are:

- A NQF Level 1 qualification i.e. Grade 9
- PLP results
- AET Level 4
- General Education and Training Certificate (GETC)
- National Senior Certificate (NSC) Engineering Studies

| Subjects | Minimum Pass Requirement (PLP/Grade9) |
| :--- | :---: |
| English | $50 \%$ |
| Mathematics | $60 \%$ |
| Science | $60 \%$ |
| Average: | $55 \%$ |

Minimum entrance requirements for Report 191 N2 Engineering Studies are:

- Pass N1 (Minimum of 3 subjects)
- An NQF level4 qualification i.e. Technical Grade 12
- NC(V) Level 4 Engineering

Minimum entrance requirement for Report 191 N4 Engineering studies are:

- Passed N3 (4 Subjects)
- An NQF Level 4 qualification ie. Technical Grade 12
- $N C(V)$ Level Engineering

| Subjects | Minimum Pass Requirement |
| :--- | :---: |
| English | $50 \%$ |
| Mathematics | $50 \%$ |
| Science | $50 \%$ |
| Average | $50 \%$ |

Minimum entrance requirement for Report 191 N4 Business Studies are:

- An NQF level 4 qualification i.e. Grade 12
- Pass NC(V) Level 4

Additional Requirements:

| Business Studies <br> Programme | Subject Requirement s | Subject Pass <br> Requirement |
| :--- | :--- | :--- |
| Financial Management | Accounting, or | $40 \%$ |
|  | Mathematics, or | $40 \%$ |
|  | Mathematical Literacy | $50 \%$ |
| Hospitality | Consumer studies, or | $40 \%$ |
|  | Hospitality studies, or | $40 \%$ |
|  | 2 elective subjects | $40 \%$ |
| CAT as an additional advan- | $40 \%$ |  |

## REPORT 191 ADMISSION

## ADMISSION REQUIREMENTS OCCUPATIONAL PROGRAMMES

a. Skills Programmes

Minimum requirements are aligned to skills programmes (level as indicated below). The students must have passed the following:

| Level 2 | Level 3 | Level 4 |
| :---: | :---: | :---: |
| Passed ABET level 4 | Passed NQF level2 | Passed NQF level 3 |
| Passed Grade 9 | Passed Grade 10 (Math's \& | Passed Grade 11 |
| (Math's \& Science) |  |  |

b. Learnership

Minimum requirement are aligned to Learnership (Level as indicated below). The student must have passed the following:

| Level 2 | Level 3 | Level 4 | Level 5 |
| :---: | :---: | :---: | :---: |
| Passed ABET Level 4 | Passed NQF Level 2 | Passed NQF Level 3 | Passed NQF Level 4 |
| Passed Grade 9 | Passed Grade9 <br> (Math's \& Science) | Passed Grade 10 | (Math's \& Science) |

c. Apprenticeship

Minimum requirement are aligned to Apprenticeship. The Minimum level of education for access to a trade test will be successful achievement by a learner before, during or after an artisan learning programme of:

| NQF LEVEL 4 | SUBJECTS |
| :--- | :--- |
| N2 Certificate | 4 Subjects including: Math's, Engineering <br> science, trade related theory. |
| NQF Level 3- Technical trade theory <br> programs | SETA quality assured |
| NC(V) Certificate Level 4 | Passed 7 subjects |
| Technical Grade 11 | Math's, Science, Language and related <br> trade theory subjects |
| N6 certificate or National Diploma | Completed |



In addition to the above mentioned minimum level of education qualifications, the applicant must also have:
a. Successfully completed all of the off the job practical training unit standards (in a case of a Learnership) or modules (in a case of apprenticeship) of an artisan learning program at an accredited training provider as verifiable by training records.
b. Satisfied the requirements of the structured workplace, on the job, learning for a minimum period of 12 months verifiable through a workplace learning record (e.g log book) unless any other workplace period has been contractually specified before the date of publication of this regulation.

## SELECTION AND PLACEMENT OR ASSESMENT TESTS:

All prospective students will undergo a compulsory recruitment and selection process. The College will administer a selection and placement/assessment test, and conduct interviews where necessary, as this would assist in the correct placement of students into relevant programmes. This is to ensure that prospective students are placed in an appropriate programme of which they have the necessary capabilities, and will also enable the College to identify those learners requiring additional support. No Student will be accepted or admitted into EEC without undergoing the placement test process. The selection and placement test is also used to identify student who may require onward referral or learning and academic support. The College may conduct interviews in addition to the conduction of selection and placement tests.


## PRE - MATRIC QUALIFICATION



Entry requirement: Passed Grade 9 or equivalent qualification

- All NC(V) Programs comprise of 3 Fundamentals subjects and 4 Vocational subjects, The following Fundamental subjects are compulsory throughout all $N C(V)$ programmes from NQF Level 2-4.


## BUSINESS STUDIES

FUNDAMENTAL SUBJECTS: Compulsary through Level 2 - Level 4 of each programme
> English First Additional Language
> Life Orientation
> Math Literacy

1. FINANCE, ECONOMICS AND ACCOUNTING

1 Year per Level
9 springs campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :---: | :---: | :---: | :---: |
| Applied Accounting | $\bigcirc$ | - | - |
| Financial Management | $\bigcirc$ | - | - |
| Economic Environment | $\bigcirc$ | - | $\bigcirc$ |
| Entrepreneurship | - |  |  |
| Project Management |  | $\bigcirc$ | $\bigcirc$ |

2. MANAGEMENT (WHOLESALE \& RETAIL)

2 1 YEAR PER LEVEL

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Wholesale \& Retail | $\ddots$ | $\bigcirc$ | $\bigcirc$ |
| Management Practice | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |
| Financial Management | $\ddots$ | $\bigcirc$ | $\bigcirc$ |
| Operations Management | $\ddots$ | $\bigcirc$ | $\bigcirc$ |

3. MARKETING

1 Year per level
9 springs campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :---: | :---: | :---: | :---: |
| Marketing | $\bigcirc$ | - | $\bigcirc$ |
| Graphic Design | $\bigcirc$ | - | - |
| Marketing Communication | - | - | - |
| Advertising \& Promotion | $\bigcirc$ | $\bigcirc$ | - |

## BUSINESS STUDIES

FUNDAMENTAL SUBJECTS: Compulsary through Level 2 - Level 4 of each programme

## > English First Additional Language

## > Life Orientation

> Math Literacy
4. OFFICE ADMINISTRATION

Q 1 Year per level
(9) benonicampus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Business Practice | - |  | $\bigcirc$ |
| New Venture Creation | - |  | $\bigcirc$ |
| Office Practice | - |  | $\bigcirc$ |
| Office Data Processing | - |  | $\bigcirc$ |

5. INFORMATION AND COMMUNICATION TECHNOLOGY

1 year per level
(9springs campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Electronics |  |  |  |
| Introduction to Information Systems |  |  |  |
| Introduction to Systems Development |  |  |  |
| Electronic Control and Digital Electronics <br> or Multimedia Basics |  |  |  |
| Systems Analysis and Design |  |  |  |
| Computer Hardware and Software |  |  |  |
| Principles of Computer Programming |  |  |  |
| Electronic Control and Digital Electronics <br> or Multimedia Content |  |  |  |
| Data Communication and Networking |  |  | 0 |
| Computer Programming |  |  | 0 |
| Electronic Control and Digital Electronics or <br> Multimedia Services |  |  | 0 |

FUNDAMENTAL SUBJECTS: Compulsary through Level 2 - Level 4 of each programme

## > English First Additional Language <br> > Life Orientation <br> > Math Literacy

1. TOURISM

园 1 Year Per level
9 springs campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Tourism Operations |  |  |  |
| Science of Tourism |  |  |  |
| Sustainable Tourism in SA |  |  |  |
| Client Services \& Human Relations |  |  |  |

2. HOSPITALITY
固 1 Year Per Level

| Vocational Subjects | Level 2 | Level 3 | Level 4 Campus |
| :--- | :---: | :---: | :---: |
| Hospitality Generics |  |  |  |
| Hospitality Services |  |  |  |
| Food Preparation |  |  |  |
| Client Services \& Human Relations |  |  |  |



## SCHOOL OF ENGINEERING

FUNDAMENTAL SUBJECTS: Compulsary through Level 2 - Level 4 of each programme
> English First Additional Language
$>$ Life Orientation
> Mathematics

1. CIVIL ENGINEERING \& BUILDING CONSTRUCTION

1 YEAR PER LEVEL
9 kwa-thema campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Construction Planning | $\bullet$ | $\bullet$ | $\bullet$ |
| Plant \& Equipment | $\bullet$ | $\bullet$ |  |
| Construction Supervision |  |  | $\bullet$ |
| Materials | $\bullet$ | $\bullet$ | $\bullet$ |
| Masonry |  |  | $\bullet$ |

3. ELECTRICAL INFRASTRUCTURE CONSTRUCTION

图 1 Year Per level
9 kwa-thema \& daveyton campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Electrical Principle \& Practice | $\bullet$ | $\bullet$ | $\bullet$ |
| Workshop Practice | $\bullet$ | $\bullet$ | $\bullet$ |
| Electronic Control \& Digital Electronics | $\bullet$ | $\bullet$ | $\bullet$ |

## ELECTIVE SUBJECT

- Electrical System \& Construction
- Physical Science

4. PROCESS PLANT OPERATIONS

| Q 1 Year per Level |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Vocational Subjects | Level 2 | Level 3 | Level 4 |  |
| Physical Science | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Process Technology | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Engineering Fundamentals | $\bullet$ |  |  |  |
| Pulp \& Papermaking Technology | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Process Control |  | $\bullet$ | $\bullet$ |  |

9. ENGINEERING AND RELATED DESIGN圆 1 Year per level

9 kwa-thema \& daveyton campus

| Vocational Subjects | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: |
| Engineering Fundamentals | $\bullet$ |  |  |
| Engineering Technology | $\bullet$ |  |  |
| Engineering Systems | $\bullet$ |  |  |
| Engineering Practice \& Maintanance |  | $\bullet$ |  |
| Material Technology |  | $\bullet$ |  |
| Engineering Processes |  |  | $\bullet$ |
| Professional Engineering Practice |  |  | $\bullet$ |
| Applied Engineering Practice |  |  | $\bullet$ |
| Engineering Graphics \& Design |  | $\bullet$ |  |

## ELECTIVE SUBJECT

- Physical Science
- Fitting \& Turning
- Automotive repair \& Maintenance
- Engineering Fabrication Boilermaker (Daveyton)



## POST MATRIC QUALIFICATION



Entry requirement: Passed Grade 12 /NC(V) Level 4

- For Engineering Studies requirements Passed Mathematics with Minimum of 40\% and Physical Science with Minimum 40\%.
- For Creative and social service studies (Hospitality) Learner to have consumer studies.
- Refer to admission requirements on page 5.


## 1. FINANCIAL MANAGEMENT

| 图 6 MONTHS PER (N) Level | 9 brakpan, SPRINGS \& benoni campus |  |  |
| :---: | :---: | :---: | :---: |
| Subjects | N4 | N5 | N6 |
| Financial Accounting | - | - | - |
| Management Communication | - |  |  |
| Cost \& Management Accounting |  | - | - |
| Computerised Financial Systems | - | - | - |
| Entrepreneurship \& Business Management | - | - | - |

## 2. HUMAN RESOURCE MANAGEMENT

| Subjects | N4 | N5 | N6 |
| :---: | :---: | :---: | :---: |
| Entrepreneurship and Business Management | $\bullet$ |  |  |
| Management Communication | - |  |  |
| Personal Management | - | - | - |
| Computer Practice | - | - | - |
| Personal Training |  | $\bigcirc$ | - |
| Labour Relations |  | - | - |

3. MANAGEMENT ASSISTANT

园 6 MONTHS PER (N) LEVEL
(9) brakpan \& benoni campus

| Subjects | N4 | N5 | N6 |
| :--- | :---: | :---: | :---: |
| Office Practice | $\bullet$ | $\bullet$ | $\bullet$ |
| Communication | $\bullet$ | $\bullet$ | $\bullet$ |
| Information Processing | $\bullet$ | $\bullet$ | $\bullet$ |
| Computer Practice | $\bullet$ | $\bullet$ | $\bullet$ |

4. MARKETING MANAGEMENT 6 MONTHS PER (N) LEVEL
(9) brakpan, springs \& benoni campus

| Subjects | N4 | N5 | N6 |
| :--- | :---: | :---: | :---: |
| Computer Practice | $\bullet$ | $\bullet$ |  |
| Management Communication | $\bullet$ |  |  |
| Sales Management |  | $\bullet$ | $\bullet$ |

## BUSINESS STUDIES

| Marketing Management | $\bullet$ | $\bullet$ | $\bullet$ |
| :--- | :---: | :---: | :---: |
| Marketing Research |  |  | $\bullet$ |
| Entrepreneurship \＆Business Management | $\bullet$ | $\bullet$ |  |
| Marketing Communications |  |  | $\bullet$ |



1. TOURISM

| 6 MONTHS PER (N) LEVEL |  |  |  |
| :--- | :---: | :---: | :---: |
| Subjects | SPRINGS CAMPUS |  |  |
| Tourist Destination |  | N5 | N6 |
| Tourism Communication |  |  |  |
| Hostel Reception |  |  |  |
| Travel Service |  |  |  |
| Travel Office Procedure |  |  |  |

## 2. HOSPITALITY

| Programmes | MONTHS PER (N) LEVEL | SPRGS CAMPUS |  |
| :--- | :---: | :---: | :---: |
| Applied Management |  |  | N5 |
| Sanitation \& Safety |  |  |  |
| Food \& Beverage Services |  |  |  |
| Catering Theory \& Practical |  |  |  |
| Nutrition \& Menu Planning |  |  |  |
| Computer Practice |  |  |  |
| Entrepreneurship \& Business Management |  |  |  |
| Communication \& Human Relations |  |  |  |



## SCHOOL OF ENGINEERING

1. ELECTRICAL ENGINEERING (LIGHT CURRENT) (N1 - N3)

3 MONTHS (N)LEVEL
9 benonicampus

| Subjects | N1 | N2 | N3 |
| :--- | :---: | :---: | :---: |
| Mathematics | $\bullet$ | $\bullet$ | $\bullet$ |
| Industrial Electronics | $\bullet$ | $\bullet$ | $\bullet$ |
| Engineering Science | $\bullet$ | $\bullet$ | $\bullet$ |
| Electrical Trade Theory | $\bullet$ | $\bullet$ |  |
| Electrotechnology |  |  | $\bullet$ |

2. MECHANICAL ENGINEERING (N1 - N3)

| $\rho$ BENONICAMPUS |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Subjects | N1 | N2 | N3 |  |
| Mathematics | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Engineering Science | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Engineering Drawing | $\bullet$ | $\bullet$ | $\bullet$ |  |

OPTIONAL SUBJECTS:

| Programmes | N1 | N2 | N3 |
| :--- | :---: | :---: | :---: |
| Fitting \& Machinery Theory | $\bullet$ | $\bullet$ |  |
| Motor Trade Theory | $\bullet$ |  |  |
| Diesel Trade Theory |  | $\bullet$ | $\bullet$ |
| Mechano Technology |  |  | $\bullet$ |

3. ELECTRICAL ENGINEERING (LIGHT CURRENT) (N4 - N6)

| Subjects | KWA-Thema \& daveton Campus |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 MONTHS (N)LEVEL |  |  |  |  | N4 | N5 | N6 |
| Mathematics | $\bullet$ | $\bullet$ | $\bullet$ |  |  |  |  |
| Industrial Electronics | $\bullet$ | $\bullet$ | $\bullet$ |  |  |  |  |
| Engineering Science | $\bullet$ |  |  |  |  |  |  |
| Electrotechnics | $\bullet$ | $\bullet$ | $\bullet$ |  |  |  |  |
| Power Machines |  | $\bullet$ | $\bullet$ |  |  |  |  |


| 4. ELECTRICAL ENGINEERIN包 3 MONTHS (N)LEVEL |  | 9 daveyton campus |  |
| :---: | :---: | :---: | :---: |
| Subjects | N4 | N5 | N6 |
| Mathematics | $\bullet$ | $\bullet$ | $\bullet$ |
| Electrotechnics | - | - | - |
| Engineering Science | $\bullet$ |  |  |
| Industrial Electronics | - | $\bullet$ | - |
| Power Machines |  | $\bullet$ | - |

OPTIONAL SUBJECT:

| Subject | N4 | N5 | N6 |
| :---: | :---: | :---: | :---: |
| Strength of Materials |  | $\bullet$ | $\bullet$ |

5. CIVIL ENGINEERING (N4 - N6)

| Subjects | N4 | N5 | KWA-THEMA (N)LEVEL |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Building Administration | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Building \& Structural Construction | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Building \& Structural Survey | $\bullet$ | $\bullet$ | $\bullet$ |  |
| Quantity Survey | $\bullet$ | $\bullet$ | $\bullet$ |  |

6. MECHANICAL ENGINEERING (N4 - N6)

B 3 MONTHS (N)LEVEL
9 kwa-thema \& daveyton campus

| Subjects | N4 | N5 | N6 |
| :--- | :---: | :---: | :---: |
| Mathematics | $\bullet$ | $\bullet$ | $\bullet$ |
| Mechanotecnics | $\bullet$ | $\bullet$ | $\bullet$ |
| Engineering Science | $\bullet$ |  |  |
| Mechanical Draughting | $\bullet$ |  |  |
| Power Machines |  | $\bullet$ | $\bullet$ |
| Mechanical Drawing \& Design |  | $\bullet$ | $\bullet$ |




