

NATIONAL CERTIFICATE (VOCATIONAL) (NCV)

INTRODUCTION TO THE NATIONAL CERTIFICATE (VOCATIONAL)

Ekurhuleni East College for FET introduced an updated qualification in 2007 known as the NC(V) course. NC(V) programmes are offered on Levels 2, 3 and 4 of the National Qualifications Framework (NQF) in Business Studies, Engineering, Creative and Social services as well as Information and Communication Technology. Level 3 was introduced in 2008 and Level 4 in 2009.

The NC(V) course is designed to provide both the theory and practical components in each area of study. The practical component can be offered in either a real workplace environment or a simulated one and will give students invaluable experience of work situations during their period of study.

ADMISSION REQUIREMENTS FOR NQF LEVEL 2

Gr 9 certificate (at least);
ABET Level 4;
NQF Level 1 qualification;

DURATION OF THE QUALIFICATION

Each level of the NCV course takes one year. A certificate is issued on the successful completion of each level of study i.e. Level 2, Level 3, and Level 4.

NCV SUBJECTS

In order to obtain a National Certificate (Vocational), a student is required to take a total of 7 subjects. These include the 3 fundamental subjects and 4 vocational subjects.

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ADMISSION REQUIREMENTS FOR NQF LEVEL

- Gr 9 certificate (at least);
- NQF level 1 qualification;

DURATION OF THE QUALIFICATION

This qualification is a year long course and students are issued with a certificate on the successful completion of each level of study i.e. Level 2, Level 3, and Level 4.

NCV SUBJECTS

In order to obtain a National Certificate (Vocational), a student is required to take a total of 7 subjects. These include the 3 fundamental subjects and 4 vocational subjects.

GENERAL INFORMATION

DOCUMENTS TO BE SUBMITTED UPON REGISTRATION

- Grade 9 report or results of admission requirements.
- Certified copy of ID or birth certificate.
- Proof of residence or an affidavit confirming residence.
- Minors (persons not paying for themselves):
 - Parent / guardian's contact details.
 - Parent / guardian's certified copy of ID.

FACILITIES

- Internet Cafe
- Auditorium
- Youth Advisory Centre
- Training Restaurants
- Student Support
- Information & Media Centre
- Computer Laboratory with printing facilities
- Jobshop
- Library
- Cafeterias
- ABET Centre
- Student Centres
- Workshops

COLLEGE CONTACT DETAILS

Telephone number: 011 730 6600
Fax: 011 736 1489

WRITE TO US AT

The Marketing Department
Ekurhuleni East College for FET
Head Office
Private Bag X52
SPRINGS
1560

e-mail: info@eec.edu.za
website: www.eec.edu.za



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EKURHULENI EAST COLLEGE
FOR FURTHER EDUCATION AND TRAINING

BUSINESS SCHOOL



higher education
& training
Department:
Education
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FINANCE, ECONOMICS AND ACCOUNTING (NCV)

OFFERED AT: BENONI AND SPRINGS CAMPUSES

NC(V) LEVEL 2 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Applied Accounting > Financial Management
- > Economic Environment > Entrepreneurship

NC(V) LEVEL 3 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Applied Accounting > Financial Management
- > Economic Environment > Project Management

NCV LEVEL 4 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Applied Accounting > Financial Management
- > Economic Environment > Project Management

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Perform bookkeeping duties
- Keep records of wages, salaries, petty cash, Value Added Tax (VAT), reconciliations
- Prepare financial statements
- Manage budgets, analyse finances of a business, etc.

CAREER OPPORTUNITIES

The National Certificate Finance, Economics and Accounting provides an opportunity to access careers in any of the listed sectors listed below:

Private and Public Accounting, Banking, Financial Services, Insurance Services, Investment Banking, Bookkeeping

MANAGEMENT (NCV)

OFFERED AT BENONI AND SPRINGS CAMPUSES

NC(V) LEVEL 2 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Entrepreneurship > Management Practice
- > Financial Management > Operations Management

NC(V) LEVEL 3 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Management Practice > Operations Management
- > Financial Management > Project Management

MANAGEMENT (NCV)

OFFERED AT BENONI AND SPRINGS CAMPUSES

NC(V) LEVEL 4 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Management Practice > Operations Management
- > Financial Management > Project Management

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Assist with communication management in organization
- Participate in Human Resources Management structures in organizations
- Manage productivity within an organization
- Contribute to change management and transformation in an organisation

CAREER OPPORTUNITIES

The National Certificate (Office Administration) provides an opportunity to access careers in any of the sectors listed below:

Human Resources, Marketing, Financial Management, Public Relations, Production, Office Administration

MARKETING

OFFERED AT BENONI AND SPRINGS CAMPUSES

NC(V) LEVEL 2 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematical Literacy

Core subjects:

- > Marketing > Consumer Behavior (Benoni)
- > Marketing Communication > Contact Centre Operations (Springs)
- > Advertising and Promotions > Graphic Design (Benoni & Springs)

NC(V) LEVEL 3 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematical Literacy

Core subjects:

- > Marketing > Advertising and Promotions
- > Marketing Communication > Consumer Behavior (Benoni)
- > Contact Centre Operations (Springs) > Graphic Design (Benoni & Springs)

NC(V) LEVEL 4 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematical Literacy

Core subjects:

- > Marketing > Advertising and Promotions
- > Marketing Communication > Consumer Behavior (Benoni)
- > Contact Centre Operations (Springs) > Graphic Design (Benoni & Springs)

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Marketing new products
- Sell goods and services
- Research needs of consumers and develop products
- Determine pricing, packaging, sales, promotions and distribution
- Guide consumers on products and brands
- Advertise and promote new products

MARKETING

OFFERED AT BENONI AND SPRINGS CAMPUSES

CAREER OPPORTUNITIES

The National Certificate (Marketing) provides an opportunity to access careers in any of the sectors listed below:

Marketing, Merchandising, Promotions, Brand Management, Product Development, Business Management

OFFICE ADMINISTRATION

OFFERED AT BENONI CAMPUSES

NC(V) LEVEL 2 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Business Practice > Entrepreneurship (O)*
- > Office Practice > Office Data Processing

NC(V) LEVEL 3 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Business Practice Office Practice
- > Office Data Processing
- > Project Management (Springs)

NC(V) LEVEL 4 1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language > Life Orientation
- > Mathematics or Mathematics Literacy

Core subjects:

- > Business Practice Office Practice
- > Office Data Processing
- > Project Management (Springs)

**(O) Optional subject*

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Business Practice
- Office Practice
- Office Data Processing
- Applied Accounting or 2nd Language or Personal Assistance or New Venture Creation

CAREER OPPORTUNITIES

The National Certificate (Office Administration) provides an opportunity to access careers in any of the sectors listed below:

Accounting, Office Management, Office Administration, Human Resources, Private Secretary, Recruitment or Employment, Legal Secretary Services, Freight Forward, Personnel Management, Frontline Reception, Personal and General Secretary Services

GENERAL INFORMATION

DOCUMENTS TO BE SUBMITTED UPON REGISTRATION

- Grade 12 report/results
- Certified copy of ID or Birth Certificate
- Proof of residence or an affidavit confirming residence

FACILITIES

- Internet Cafe
- Auditorium
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EKURHULENI EAST COLLEGE
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CALL CENTRE

CONTACT DETAILS

CALL CENTRE CONTACT NUMBERS

Tel: 011 730 6600, Fax: 011 736 1501

WRITE TO US AT

The Call Centre Manager or Marketing Manager
Kwa-Thema Campus
P. Bag X52
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henreittae@eec.edu.za

www.eec.edu.za



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CALL CENTRE AGENT TRAINING COURSE

When you study at Ekurhuleni East College you receive more than an education: we offer you the opportunity to learn about the contact centre industry and potential career opportunities within this exciting and rapidly growing sector. By attending the programme: **Delivering Service Excellence - An Introduction to Inbound and Outbound Contact Centre Operations**, you will receive practical contact centre exposure and experience. These are the vital requirements to obtaining employment and a rewarding long-term career in the fastest growing and most exciting industry in the world.

Our commitment is to provide you with the necessary tools to develop yourself, both in a professional and personal capacity.

The Call Centre and Training Centre are situated at the Kwa-Thema Campus of Ekurhuleni East College. It is equipped with a fully functional contact centre and three state-of-the-art, technologically-enabled training rooms.

Duration of the course: 3 Months Full-time
Mondays to Thursdays
08:00 to 15:00
Fridays
08:00 to 13:00

Admission requirements: Grade 12 passed
Computer literacy
Good English proficiency

ENROLMENT PROCEDURE

After completion of the pre-enrolment form, students are invited to a screening interview where their English language proficiency, computer literacy and communication skills are evaluated through written and telephonic assessments.

CALL CENTRE AGENT TRAINING COURSE

COURSE CONTENT

The Call Centre Training Course: **Delivering Service Excellence - An Introduction to Inbound and Outbound Contact Centre Operations** is offered on Level 2 of the National Qualifications Framework. Modules have been selected which will ensure that students have the best chance of being placed within call centres or related customer service environments on completion of the programme. Placement is also dependent upon students completing the course with a high level of proficiency and, of course, on having a positive and enthusiastic attitude!

Each student receives a copy of the workbook and assessment guide on commencement of the course. Services SETA accredited training material is used. If assessed and found competent, students accumulate credits towards the National Certificate in Contact Centre Support NQF Level 2.

MODULE 1: EFFECTIVE CALL CENTRE SKILLS

- *Call Centre Principles*
- *Call Centre Culture*
- *Call Centre Components*

MODULE 2: VOICE AND COMMUNICATION SKILLS

- *The Importance of Successful Communication*
- *Communication in Providing Quality Service*
- *Telephone Etiquette*
- *Voice Practicals*

MODULE 3: CUSTOMER SERVICE PRINCIPLES

- *Call Centre Environment (Service)*
- *The Inbound Call Centre Setting*

MODULE 4: TELEMARKETING SKILLS

- *Outbound Call Centre Activities*

CALL CENTRE AGENT TRAINING COURSE

MODULE 5: LIFE SKILLS FOR BUSINESS

- *Typing Skills*
- *Preparing a Winning CV*
- *Interview Skills*
- *Time Management and Prioritising*
- *Stress Management*
- *Managing your Money*

MODULE 6: BUSINESS ENGLISH SKILLS

- *Vocabulary Base*
- *Word Order*
- *Prohibitions*
- *Business Writing*

Further possibilities at the College

On successful completion of the Training course, Graduates may be entered into an **Internship Programme**. Based on level of competency during Internship, the successful candidate will be placed into **mainstream employment**, where he/she will become an employee and start earning a salary.



NATIONAL CERTIFICATE (VOCATIONAL) NC(V)

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The NC(V) course is designed to provide both the theory and practical components in each area of study. The practical component can be offered in either a real workplace environment or a simulated one and will give students invaluable experience of work situations during their period of study.

ADMISSION REQUIREMENTS FOR NQF LEVEL 2

Gr 9 certificate (at least);

ABET Level 4;

NQF Level 1 qualification;

DURATION OF THE QUALIFICATION

Each level of the NCV course takes one year. A certificate is issued on the successful completion of each level of study i.e. Level 2, Level 3, and Level 4.

NCV SUBJECTS

In order to obtain a National Certificate (Vocational), a student is required to take a total of 7 subjects. These include the 3 fundamental subjects and 4 vocational subjects.

GENERAL INFORMATION

ADMISSION REQUIREMENT

- NCV Level 2 - Gr 9, NQF Level 1, ABET Level 4
- NCV Level 3 - NCV Level 2
- NCV Level 4 - NCV Level 3

DOCUMENTS TO BE SUBMITTED UPON REGISTRATION

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higher education
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Department:
Education
REPUBLIC OF SOUTH AFRICA

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TOURISM (NCV) (OFFERED AT SPRINGS CAMPUS)

NC(V) LEVEL 2

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematical Literacy

Core subjects:

- > Tourism Operations
- > Science of Tourism Sustainable Tourism in SA
- > Client Services and Human Relations

NC(V) LEVEL 3

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematical Literacy

Core subjects:

- > Tourism Operations
- > Science of Tourism
- > Sustainable Tourism in SA and Regional Travel
- > Client Services and Human Relations

NC(V) LEVEL 4

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematical Literacy

Core subjects:

- > Tourism Operations
- > Science of Tourism
- > Sustainable Tourism in SA and International Travel
- > Client Services and Human Relations

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

Work as a tour guide

Own a tourism business

Work at a hotel or any other travel site

Take up opportunities to market South Africa

Plan tour of south Africa and SADC

CAREER OPPORTUNITIES

The National Certificate (Tourism) provides an opportunity to access careers in any of the sectors listed below:

Accommodation Management, Conference and events Planning, Restaurant and Food Services, Tourism Development, Transportation Management, Travel Counseling, Game Range and Safari Work



HOSPITALITY SERVICES (NCV) (OFFERED AT SPRINGS CAMPUS)

NC(V) LEVEL 2

1 Yr, 7 subjects

Fundamentals

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics or Mathematical Literacy

Core subjects:

- > Hospitality Generics
- > Hospitality Services
- > Food Preparation
- > Client Services and Human Relations

NC(V) LEVEL 3

1 Yr, 7 subjects

Fundamentals

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics or Mathematical Literacy

Core subjects:

- > Hospitality Generics
- > Hospitality Services
- > Food Preparation
- > Client Services and Human Relations

NC(V) LEVEL 4

1 Yr, 7 subjects

Fundamentals

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics or Mathematical Literacy

Core subjects:

- > Hospitality Generics
- > Hospitality Services
- > Food Preparation
- > Client Services and Human Relations

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

Manage a guest house

Deal with client services in an accommodation facility

Work as a assistant cook/chef preparing food in a restaurant, hotel, or guest house

Work as waitron

Work as a housekeeper in a hotel/ inn/ guesthouse

CAREER OPPORTUNITIES

The National Certificate (Tourism) provides an opportunity to access careers in any of the following sectors listed below:

Housekeeping, Food and Beverage Management, Hotel Management, Accommodation Services, Events Management.

[Springs Campus]
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ADMISSION REQUIREMENTS FOR NQF LEVEL 2

- > Gr 9 certificate (at least);
- > NQF Level 1 qualification;
- > ABET Level 4;
- > Mathematics

DURATION OF THE QUALIFICATION

Each level of the NCV course takes one year. A certificate is issued on the successful completion of each level of study i.e. Level 2, Level 3, and Level 4.

NCV SUBJECTS

In order to obtain a National Certificate (Vocational), a student is required to take a total of 7 subjects. These include the 3 fundamental subjects and 4 vocational subjects.

Microsoft® IT Academy Program Member



the doc
Department:
Communications
REPUBLIC OF SOUTH AFRICA

GENERAL INFORMATION

DOCUMENTS TO BE SUBMITTED UPON REGISTRATION

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INFORMATION TECHNOLOGY AND COMPUTER SCIENCE

Fundamentals: (Compulsory subjects on Level 2, 3 and 4)

- > Language – English First Additional Language
- > Mathematics
- > Life Orientation

NC(V) LEVEL 2 1 Yr, 7 subjects

Core subjects:

- > Electronics
- > Introduction to Information Systems
- > Introduction to Systems Development
- > Electronic Control and Digital Electronics
- > Electronics and Digital Electronics/Basic Multimedia

NC(V) LEVEL 3 1 Yr, 7 subjects

Core subjects:

- > Systems Analysis and Design
- > Computer Hardware and Software
- > Principles of Computer Programming
- > Electronic Control and Digital Electronics

NC(V) LEVEL 4 1 Yr, 7 subjects

Core subjects:

- > Systems Analysis and Design
- > Data Communication and Networking
- > Computer Programming
- > Electronic Control and Digital Electronics

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Test programmes and software applications
- Writing computer programmes
- Install network cables for computer systems
- Process computer data
- Develop, research and document computer user requirements

CAREER OPPORTUNITIES

The National Certificate (Information Technology & Computer Science) provides an opportunity to access careers in any of the sectors listed below:

Computer Programming, Information Technology Management, Computer Systems Engineering, Data Processing, Broadcasting Engineer, Software Development

OPEN & LIFE-LONG LEARNING

MICROSOFT DIGITAL LITERACY COURSE

- > Computer basics
- > Internet
- > Productivity programmes
- > Security
- > Lifestyles

Duration: 24hours; 4 hours per week

Entry requirement: English First Additional Language proficiency

ICDL (International Computer Driving License)

7 Modules:

- > Basic Concepts, Windows, MSWord, MSExcel, MSAccess, MSPowerPoint, Internet

Duration: 60 hours

Entry requirement: Digital Literacy / Basic knowledge of computers

MICROSOFT OFFICE SPECIALIST (MOS)

Office Specialist certificate available in:

- > MSWord, MSExcel, MSPowerPoint, MSAccess, MSOutlook, MSProject

Duration: 20 Hours per module

Entry requirement: Microsoft Digital Literacy Course

CompTIA A+

- > How to repair & build computers
- > Recognition of spares
- > Installation and Troubleshooting etc
- > Hardware/Software

Duration: 60 hours

Entry requirement: ICDL / MOS

CompTIA NETWORK+

- > Networking technology
- > Connecting networks
- > Network server basics
- > User administration

Duration: 60 hours

Entry requirement: CompTIA A+

CompTIA SECURITY+

- > Communication
- > Infrastructure
- > Operational and General Security concepts

Duration: 60 hours

Entry requirement: CompTIA N+

PROGRAMMES

CISCO IT ESSENTIALS

- > Essentials I (Hardware/Software)and
- > Essentials II (Networking)

Duration: 60 hours

Entry requirement: Computer knowledge

MICROSOFT CERTIFIED DESKTOP SUPPORT TECHNICIAN (MCDST)

Module1: Supporting users running MS Windows XP Operating systems

Module2: Supporting users running application on MS Windows

Duration: 60 hours

Entry requirement: ICDL / MOS qualification

ACCREDITATION

- > CompTIA
- > CISCO Academy
- > Certiport
- > Microsoft IT Academy
- > ICDL Foundation
- > ICDL Testing Centre
- > Prometric Testing Centre

COMPUTER PROGRAMMING + NEOTEL + E-LEARNING

Courses	Duration	Entry Requirements
Computer Programming: Visual Basic.net	30 hours Saturday classes	Computer Literate
NEOTEL: Telecommunication Systems NQF L4	1 Year Full time	Completed Telecommunication Systems NQF L3 or ICT NQF L4
E-learning Courses + A+ + Network+ + Security+ + VB.net + Java Script + C++ + ICDL + Open Source + Linux+ + HTML + Soft skills	Do any of the courses at your own time and pace. Full time/part Time Facilitation available. Time allocation	Computer Literate or ICDL/MOS



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**N4-N6 (NATED)
PROGRAMMES**

GENERAL INFORMATION

DOCUMENTS TO BE SUBMITTED UPON REGISTRATION

- Grade 9 report or results of admission requirements.
- Certified copy of ID or birth certificate.
- Proof of residence or an affidavit confirming residence.
- Minors (persons not paying for themselves):
 - Parent / guardian's contact details.
 - Parent / guardian's certified copy of ID.

FACILITIES

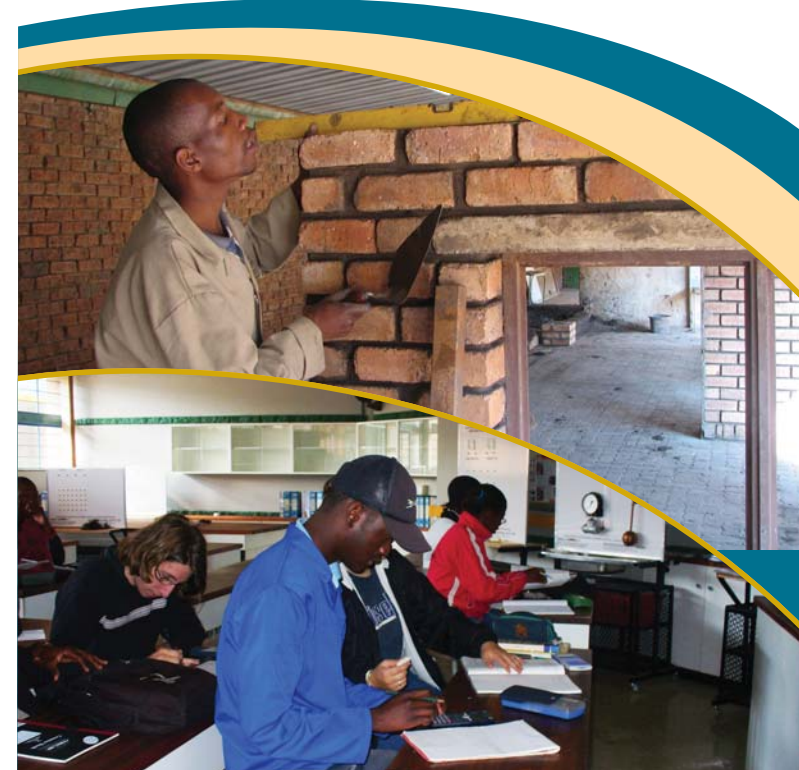
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| • Internet Cafe | • Jobshop |
| • Auditorium | • Library |
| • Youth Advisory Centre | • Cafeterias |
| • Training Restaurants | • ABET Centre |
| • Student Support | • Student Centres |
| • Information & Media Centre | • Workshops |
| • Computer Laboratory with printing facilities | |

COLLEGE CONTACT NUMBERS

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N5-N6 (NATED) PROGRAMMES

Please Note: The College reserves the right to only offer programmes that are justified by student numbers and cost effectiveness. Certain subjects/courses/programmes might only be offered on a part-time basis at one specific campus.

BUSINESS SCHOOL

ADMISSION REQUIREMENT:

N5 - N4

N6 - N5

DURATION:

6 months per level

COURSES / SUBJECTS

SKILLS DEVELOPMENT CENTRE BRAKPAN

N4-N6 Business Management	▪
N4-N6 Financial Management	▪
N4-N6 Marketing Management	▪

NATIONAL DIPLOMA

12 Tertiary subjects are required on N4, N5 and N6 levels. (Maximum on N5 level being 5 and minimum on N6 being 3). At least 2 N6 subjects must have relevance to the vocation of the candidate. Eighteen months relevant practical experience is required.



Please Note: The College reserves the right to only offer programmes that are justified by learner numbers and cost effectiveness. Certain subjects/courses/programmes might only be offered on a part-time basis at one specific campus.

SCHOOL OF ENGINEERING

ADMISSION REQUIREMENT:

N5 - N4

N6 - N5

DURATION:

3 months per level

COURSES	SKILLS DEVELOPMENT CENTRE BRAKPAN
N4-N6 Electrical Engineering (Light Current)	▪
N4-N6 Electrical Engineering (Heavy Current)	▪
N4-N6 Mechanical Engineering	▪

NATIONAL DIPLOMA

12 Tertiary subjects are required on N4, N5 and N6 levels. (Maximum on N5 level being 5 and minimum on N6 being 3). At least 2 N6 subjects must have relevance to the vocation of the candidate. Two years relevant practical experience is required.

ENGINEERING CERTIFICATE OF COMPETENCY (GOVERNMENT TICKET)

19 Engineering subjects (marked with asterisk*) passed with a minimum of 50% per subject. The above subjects will then qualify a student to write the following Government exams:

Plant Engineering (Mining) or (Factories); AND

Legal Knowledge (Mines and Works) or Occupational Health and Safety Act (Act No. 85 of 1993).

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SCHOOL OF OPEN-AND LIFE LONG LEARNING & SKILLS COURSES

Campuses may offer any programme/course/subject on a part-time basis. Please contact the campuses for more information.

LEARNERSHIPS AND SKILLS COURSES

(OFFERED AT BRAKPAN CAMPUS)

• Skills Development Programmes

Skills Development Programmes are learning programmes linked to an occupation (job related aspects) as well as to SAQA standards. Skills programmes are short-term skills courses that are usually based on NQF unit standards and that could, if chosen correctly, add up to a qualification. This qualification can be obtained once the learner has accumulated the required number of credits.

• Learnerships

A learnership is akin to the older apprenticeship system. In this system, work experience in the workplace is augmented by formal training at the College. The learnership is a formal contract. The SETA funds it, the employer is the custodian of the learnership (with responsibility for the learners) and the Ekurhuleni East College provides the theoretical component and specialised practicals.

The College is an accredited service provider for numerous learnerships. Please contact Brakpan campus for more information.

Brakpan Campus is accredited to do RPL (Recognition of Prior Learning) of various NQF Level 2-4 SETA programmes.

SCHOOL OF ENGINEERING NATIONAL CERTIFICATE (VOCATIONAL) (NCV)

INTRODUCTION TO THE NATIONAL CERTIFICATE (VOCATIONAL)

Ekurhuleni East College for FET introduced an updated qualification in 2007 known as the NC(V) course. NC(V) programmes are offered on Levels 2, 3 and 4 of the National Qualifications Framework (NQF) in Business Studies, Engineering, Creative and Social services as well as Information and Communication Technology. Level 3 was introduced in 2008 and Level 4 in 2009.

The NC(V) course is designed to provide both the theory and practical components in each area of study. The practical component can be offered in either a real workplace environment or a simulated one and will give students invaluable experience of work situations during their period of study.

ADMISSION REQUIREMENTS FOR NQF LEVEL 2

- > Gr 9 certificate (at least);
- > ABET Level 4;
- > NQF Level 1 qualification;

DURATION OF THE QUALIFICATION

Each level of the NCV course takes one year. A certificate is issued on the successful completion of each level of study i.e. Level 2, Level 3, and Level 4.

NCV SUBJECTS

In order to obtain a National Certificate (Vocational), a student is required to take a total of 7 subjects. These include the 3 fundamental subjects and 4 vocational subjects.



GENERAL INFORMATION

DOCUMENTS TO BE SUBMITTED UPON REGISTRATION

- Grade 9 report or results of admission requirements.
- Certified copy of ID or birth certificate.
- Proof of residence or an affidavit confirming residence.
- Minors (persons not paying for themselves):
 - Parent / guardian's contact details.
 - Parent / guardian's certified copy of ID.

FACILITIES

- Internet Cafe
- Auditorium
- Youth Advisory Centre
- Training Restaurants
- Student Support
- Information & Media Centre
- Computer Laboratory with printing facilities
- Jobshop
- Library
- Cafeterias
- ABET Centre
- Student Centres
- Workshops

COLLEGE CONTACT DETAILS

Telephone number: 011 730 6600
Fax: 011 736 1489

WRITE TO US AT

The Marketing Department
Ekurhuleni East College for FET
Head Office
Private Bag X52
SPRINGS
1560

e-mail: info@eec.edu.za
website: www.eec.edu.za



Committed to Excellence

EKURHULENI EAST COLLEGE
FOR FURTHER EDUCATION AND TRAINING

SCHOOL OF ENGINEERING



SABS
ISO 9001



CIVIL ENGINEERING & BUILDING CONSTRUCTION

(OFFERED AT KWA-THEMA CAMPUSES)

NC(V) LEVEL 2

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Construction Planning > Masonry (O)*
- > Plant & Equipment > Physical Science (O)*
- > Materials

NC(V) LEVEL 3

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Drawings, Setting out, Quantities & Costing > Construction Materials
- > Construction Masonry & Tiling (O)* > Construction Plant & Equipment
- > Physical Science (O)*

NC(V) LEVEL 4

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Drawings, Setting out, Quantities & Costing > Construction Supervision
- > Civil and Construction Technology > Physical Science (O)*
- > Construction Materials
(O)* Optional Subjects

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Participate in the operation and maintenance of construction equipment and machinery
- Participate in the construction of roads, bridges, dams, railways, houses, etc.
- Take part in the design and construction of tunnels, factories, reservoirs, etc.
- Participate in the erection of reinforced concrete, structural steel, timber and masonry structure, etc.

CAREER OPPORTUNITIES

The National certificate (Civil Engineering & Building Construction) provides an opportunity to access careers in any of the sectors listed below: Architectural Technology, Industrial Designing, Town Regional Planning, Building Construction, Drainage Inspection, Quantity Surveying, Sanitation Engineering, Civil Construction Engineering

ELECTRICAL INFRASTRUCTURE CONSTRUCTION

(OFFERED AT DAVEYTON AND KWA-THEMA CAMPUSES)

NC(V) LEVEL 2

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Electrical Principles and Practice > Physical Science (O)*
- > Workshop Practice > Electrical Systems & Construction (O)*
- > Electronic Control & Digital Electronics

NC(V) LEVEL 3

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Electrical Principles and Practice > Physical Science (O)*
- > Electrical Workmanship > Electrical Systems & Construction (O)*
- > Electronic Control & Digital Electronics

NC(V) LEVEL 4

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Electrical Principles and Practice > Physical Science (O)*
- > Electrical Workmanship > Electrical Systems & Construction (O)
- > Electronic Control & Digital Electronics
(O)* Optional Subjects

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Electrical Principles and Practice
- Electronic Control and Digital Electronics
- Electrical Workmanship
- Electrical Systems and Construction

CAREER OPPORTUNITIES

The National Certificate (Electrical Infrastructure Construction) provides an opportunity to access careers in any of the sectors listed below:

Electrical Engineer, Electrician, Industrial Engineering, Sound Technology, Theatre Technology, Process Level Control, Digital Electronics, Instrumentation

ENGINEERING AND RELATED DESIGN

(OFFERED AT DAVEYTON AND KWA-THEMA CAMPUSES)

NC(V) LEVEL 2

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Engineering Fundamentals > Physical Science (O)*
- > Engineering Technology > Fitting & Turning (O)*
- > Engineering Systems > Automotive Repair and Maintenance (O)*
- > Engineering Fabrication (O) (Daveyton)

NC(V) LEVEL 3

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Engineering Practice & Maintenance > Physical Science (O)*
- > Materials Technology > Fitting & Turning (O)*
- > Engineering Graphics and Design > (CAD)Boilermaking (Daveyton) (O)*
- > Automotive Repair and Maintenance (O)*

NC(V) LEVEL 4

1 Yr, 7 subjects

Fundamentals:

- > Language – English First Additional Language
- > Life Orientation
- > Mathematics

Core subjects:

- > Engineering Processes > Physical Science (O)*
- > Professional Engineering Practice > Fitting & Turning (O)*
- > Applied Engineering Technology > Boilermaking (Daveyton) (O)*
- > Automotive Repair and Maintenance (O)*

WHAT VOCATIONAL ACTIVITIES WOULD THIS GIVE YOU ACCESS TO?

This programme enables a learner to:

- Participate in the design and construction of buildings
- Take part in the manufacture of tools, machines, engines
- Participate in the planning and building of roads, bridges, canals, dams
- Take part in the operation and maintenance of machines
- Plan and design mines and mining facilities
- Participate in the design of shaft and ventilation systems

CAREER OPPORTUNITIES

The National Certificate (Electrical Infrastructure Construction) provides an opportunity to access careers in any of the sectors listed below:

Manufacturing and Industrial Engineering, Metallurgical and Material Engineering, Mining Engineering, Geological Engineering, Aerospace Engineering, Tool Making, Fitting and Machining, Digital Electronics