

# PROSPECTUS 2017



**MOPANI SOUTH EAST TVET COLLEGE**

“EXCELLENCE IS ALWAYS OUR CHOICE”



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## Welcome to Mopani South East Technical and Vocational Education and Training College

### INTRODUCTION

Mopani South East TVET College comprises of two campuses and a Hotel School, namely: Sir Val Duncan, Phalaborwa and Mošate Hotel School. Phalaborwa Campus, Mošate Hotel School is in Phalaborwa and Sir Val Duncan Campus is located in Namakgale.

The college offers a variety of skills and learnership programmes in partnership with SETAs. In this way, the college aims to address economic demands of the community.

Mopani South East TVET College offers critical skills in Engineering programmes that supply the mining and construction sectors, tourism which include cookery and hospitality sectors, financial training that supplies banks, and business studies. Students graduating from Mopani South East TVET College often secure employment with lodges, hotels and game farms in the area before completing their studies; and these places of employment also provide crucial workplace exposure and internships for students.

### Phalaborwa Campus

This Campus is located at the corner of Combretum and Haarlem Streets in Phalaborwa. It offers National Certificate (Vocational) and NATED/Report 191 Programmes in Business studies. The satellite campus, Mošate Hotel School offers occupational programmes in hospitality.

### Sir Val Duncan Campus

Sir Val Duncan Campus is situated at the corner of Tambo and Calvin Ngobeni Streets in Namakgale Township. The campus offers National Certificate (Vocational) and NATED/Report 191 Programmes in a variety of Engineering fields. The campus also offer learnerships, skills programmes and artisan training.

### Vision

To be a Technical and Vocational Education and Training institution of excellence and choice

### Mission

To provide high quality education and training, producing skilled and knowledgeable individuals who will operate within the acceptable norms of the society by:

- Delivery of high quality service.
- Forming of partnership with industry and commerce
- Offering learnerships
- Doing research and development
- Community participation
- Accessibility
- Being client oriented
- Focusing on future prospects
- Developing skills

- Ensuring quality assurance
- Ensuring placement, tracking and mentorship programmes;

### Values

- Ubuntu
- Excellence
- Integrity
- Discipline
- Commitment
- Passion

### STUDENT SUPPORT SERVICES

Mopani South East Technical and Vocational Education and Training College has the well-being of students at heart and as a result, it offers a range of services aimed at assisting and supporting students in their endeavour to be successful citizens. It also provides academic intervention programmes with an aim of improving college throughput and certification rate. The services are structured as follows: Pre-entry, on course and exit support.

### PRE ENTRY SUPPORT

#### Financial Aid Bursaries

The Department of Higher Education and Training (DHET) provides funding to the college for Bursary Allocations with an intention of assisting qualifying students. Bursaries are offered to students enrolled with the TVET College for the National Certificate (Vocational) and Report 191 programmes. The college provides the following financial assistance:

- **National Students Financial Aid Scheme (NSFAS)** which is funded by DHET but administered by NSFAS. This bursary covers tuition fees and allowances e.g. travelling or accommodation.
- **Merit Bursary.** This bursary is offered by the college and it is granted in accordance with set performance criteria designed for students who perform well in their studies. It covers tuition fees only.
- **SRC bursary**- This bursary is for students elected into the Student Leadership and covers tuition fees only.

All bursaries require 80% attendance as stated in the DHET Student attendance and Punctuality policy.

Other bursaries are also available as per advert from institutions/industries even SETAs.

**NOTE: NSFAS Beneficiaries don't qualify for Merit Bursary.**

### Career Guidance

Both campuses offer career guidance which is aimed at assisting students with career choices and advice based on their personality, career interests, aptitude and abilities. All prospective NC(V) students are expected to write a Competency Assessment and Placement (CAP) Test which will determine career paths for the students.

### ON COURSE SUPPORT

The college offers the following academic support programmes:

- Peer tutoring
- Extra classes= Lecture based
- Electronic academic support system called PLATO

### Extra-Mural Activities

In an endeavour to ensure development of learners holistically, the college presents students with opportunities to participate in various sporting codes and cultural activities. These include; soccer, netball, volleyball, softball, rugby, chess, pool, table tennis, drama, choral music athletics, pencil & brush painting, beauty pageant and other cultural activities. Facilities are available at Phalaborwa and Sir Val Duncan campuses.

### Students Representative Council (SRC)

The Students Representative Council is the highest decision-making structure of the student governance, entrusted with specific matters by their constituency and college management. It represents students from both campuses and their overall interests and social well-being.

The student leadership is elected annually by the students and consists of 7 members per campus. Their duties, functions, privileges and term of office are set out in the SRC constitution approved by the College Council. The SRC is a very important stakeholder within the college.

Through the SRC, students are represented in the following committees: Bursary Committee, Academic Board and College Council. Students are encouraged to participate in the election processes. Nomination forms are available at the Student Support Service offices in both campuses.

### Health and Wellness Support

The college has qualified social workers, a health & safety officer and professional medical nurses in both campuses to cover a range of issues such as relationship problems, HIV/AIDS matters, pregnancies, trauma counselling, substance abuse and any other health related matters. The college is actively part of the HEAIDS programme which develops and support HIV mitigation programmes at public universities and TVET Colleges. We also host other campaigns aimed at raising awareness on health and wellness matters.

### Disability

Both campuses have disability desks available to support students with any type of disability. Students with challenges are advised to visit the SSS Coordinator at their campus for support and interventions.

### EXIT SUPPORT

Mopani South East TVET College offer programmes that are responsive to industry and community needs and that enhance the employability of college graduates. Upon completion of studies, the following support is offered in terms of Workplace Exposure:

- Students' placement for experiential learning in different workplaces.
- Entrepreneurship programme: the college arranges a seminar to assist students who want to be self-employed upon completion of their studies.

The college has a WBE Officer who works closely with Lecturers & Academic Officers to ensure that during holidays, students are at the workplace and monitored. Students are advised to secure workplace during holidays next to their homes.

### APPLICATION PROCESS

Prospective students should submit application forms to the relevant campus and subsequently confirm their registration during the registration period. Application forms can be obtained from Sir Val Duncan and Phalaborwa Campus.

### NATIONAL STUDENT FINANCIAL AID SCHEME BURSARY APPLICATION PROCESS

NSFAS is providing financial assistance to students who intend to enroll at the college.

It is advisable for applicants to go to internet café or use their smart phones to apply online, Campuses internet café can also be used to apply [www.nsfas.org.za](http://www.nsfas.org.za).

### Attachments- Note that the following document will be required.

#### Please attach certified copies of the following documents:

- (All the certified copies must not be older than 3 months) your documents can be certified at South African Police Service or the South African Post Office. If you are under the age of 18 or if you are 18 and older and are STILL DEPENDENT on the household income of your parent or legal guardian, then this also applies to you.
- Certified copy of your identity Document. If you are younger than 16 years of age, and do not have a green bar-coded ID or smart ID card, you must submit a certified copy of your unabridged birth certificate.
- Certified copy of identity Document of each household member including parents or legal guardian.
- Certified copy of your latest academic transcript or exam results. If you are currently in grade 12, you do not need to submit this.
- If you have been exempted from paying school fees, please provide a letter from the school informing NSFAS that you have been exempted.
- Certified or official copy of recent pay slip, letter of employment, not older than three months, for each parent, or the person who support you, or your guardian or yourself if you are employed. This is for all types of employment or all forms of income for all member of the household. This includes any income received from SASSA grants, Unemployment Insurance Fund (UIF), or any retirement, life. Disability or other benefits paid as a lump sum or in monthly payments.
- If your parents or the person who supports you or your legal guardian are retired, please provide a copy of an official pension slip or bank statement showing pension payment.
- If either of your parents is deceased, please provide a certified copy of the death certificate.
- If your parents are divorced, please provide a certified copy of the divorce decree.
- If either of your parents does not live at home, please provide an affidavit explaining the reasons.
- If you are supported by someone who is not your parent or legal guardian, please provide an affidavit explaining the reasons.

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- Certified copy of a SASSA letter if any of your family members are receiving a social grant and are also contributing to your household income. This also applies to your legal guardian.
- If you have indicated that a dependent in your household is a student, please provide proof of registration or acceptance at TVET College or University for each dependent.
- If you have a disability, please complete the relevant supporting documents (please see website for details) and submit them with your application form.

### REGISTRATION FEE

Registration fee is paid when you submit your registration form and vary in programmes selected. Registration fee is not refundable. NSFAS beneficiaries are exempted for paying registration fee.

### TUITION FEES

The administration, registration and examination cost/fees are dependent on the choice of qualification the students intends to register. The tuition fee includes the prescribed books for the students who study on full time basis of which the books should be returned at the end of the academic year for reuse.

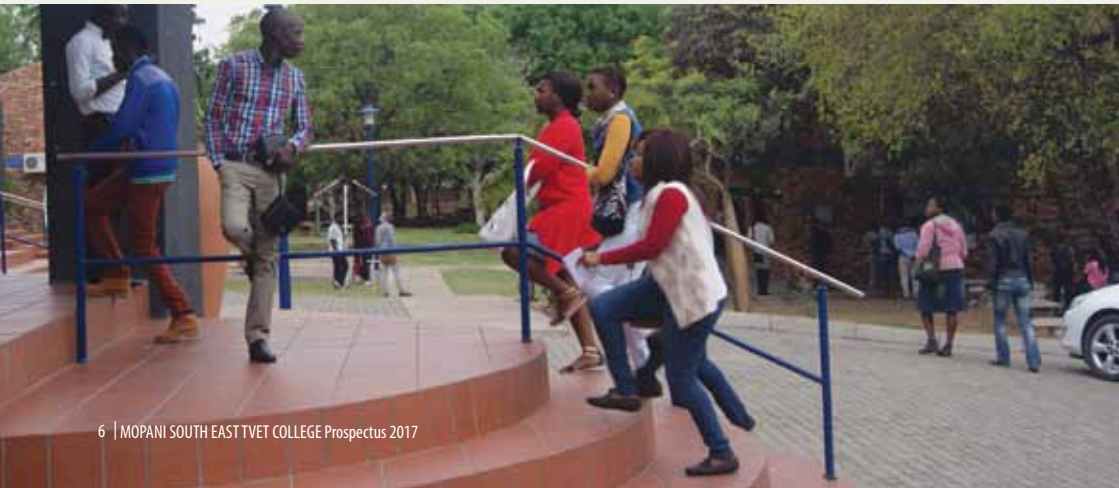
### QUALIFICATIONS OFFERED BY THE COLLEGE

#### NATIONAL CERTIFICATE (VOCATIONAL) NC(V)

The National Certificate (Vocational) is a skills-focused qualification aimed at addressing the skills demand in the country. It is a three year course designed to provide both theory and practical/skills to the student. It also provides students with the opportunity to experience workplace situations during study. The practical component of study is offered in a real workplace environment or in a simulated workplace environment. NC(V) programmes are offered in Engineering and Business Studies.

#### (NATED) REPORT 191

The college also offers Report 191 programmes both in Engineering and Business Studies. NATED/Report 191 programmes are delivered under the auspices of the Department of Higher Education and Training.



## PHALABORWA CAMPUS

### A. NC(V) Programmes (National Certificate Vocational)

#### Admission Requirements

The prospective student must have passed Grade 9 or higher, or have an NQF Level 1/ABET Level 4 qualification, or an approved bridging programme designed for the specific purpose to access NQF Level 2 or a Recognition of Prior Learning (RPL) assessment to meet the basic requirements for access to NQF Level 2.

#### Enrolment Schedule

January

#### Duration

3 years (a full year programme at each of the NQF levels of study)

	LEVEL 2	LEVEL 3	LEVEL 4
Fundamental Subjects (Compulsory for all programmes)	English Life Orientation Mathematical Literacy	English Life Orientation Mathematical Literacy	English Life Orientation Mathematical Literacy
1. Finance, Economics and Accounting	Applied Accounting	Applied Accounting	Applied Accounting
	Financial Management	Financial Management	Financial Management
	Economic Environment	Economic Environment	Economic Environment
	New Venture Creation	New Venture Creation	New Venture Creation
2. Hospitality	Hospitality Generics	Hospitality Generics	Hospitality Generics
	Food Preparation	Food Preparation	Food Preparation
	Client Service and Human Relations	Client Service and Human Relations	Client Service and Human Relations
	Hospitality Services	Hospitality Services	Hospitality Services
3. Management	Management Practice	Management Practice	Management Practice
	Operations Management	Operations Management	Operations Management
	Financial Management	Financial Management	Financial Management
	Entrepreneurship	Project Management	Project Management
4. Marketing	Marketing	Marketing	Marketing
	Advertising and Promotions	Advertising and Promotions	Advertising and Promotions
	Marketing Communication	Marketing Communication	Marketing Communication
	Consumer Behaviour	Consumer Behaviour	Consumer Behaviour

	LEVEL 2	LEVEL 3	LEVEL 4
5. Office Administration	Business Practice	Business Practice	Business Practice
	Office Practice	Office Practice	Office Practice
	Office Data Processing	Office Data Processing	Office Data Processing
	New Venture Creation	New Venture Creation	New Venture Creation
6. Tourism	Science of Tourism	Science of Tourism	Science of Tourism
	Clients Service and Human Relations	Clients Service and Human Relations	Clients Service and Human Relations
	Sustainable Tourism in SA	Sustainable Tourism in Regional Travel	Sustainable Tourism in International Travel
	Tourism Operations	Tourism Operations	Tourism Operations

### Possible employment opportunities after completion

#### 1. FINANCE ECONOMICS AND ACCOUNTING

- Perform bookkeeping duties;
- Keep records of wages, salaries, petty cash, value added tax (VAT),
- Prepare financial statements,
- Manage budgets.

#### Career Opportunities

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. private and public accounting, banking, financial and insurance services, investment broking and bookkeeping.

#### 2. HOSPITALITY

- Deal with client services in an accommodation facility
- Work as an assistant chef
- Work as a house keeper in a hotel
- Work as a waitron

#### Career Opportunities

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. housekeeping, food and beverage management, accommodation services and events management.

#### 3. MANAGEMENT

- Assist with communication management in organisations,
- Manage productivity in organisation, and
- Contribute to change management and transformation in an organisation.

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. human resources, marketing, finance management, public relations, production and office administration.

### **4. MARKETING**

- Market new products,
- Sell goods and services,
- Guide consumers on products and brands
- Advertise and promote new products.

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. marketing, business management, promotions and advertising, market research, product development, public relations, merchandising, sales management, brand management and customer relations.

### **5. OFFICE ADMINISTRATION**

- Coordinate office correspondence;
- Type letters, reports, memoranda, agendas and minutes;
- Maintain equipment and stationery supplies;
- Perform receptionist duties;
- Organise meetings,
- Operate office equipment

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. office management, office administration, human resource management, personnel management, front line reception, self-employment or general secretarial services.

### **6. TOURISM**

- Own a tourism business,
- Work at a hotel or any other travel site/industry
- Provide an opportunity to market South Africa
- Front of house

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors as an events planner, front office/receptionist, tourist officer or self employment.

## B. NATED/REPORT 191 PROGRAMMES (National Certificate)N4-N6

### Admission Requirements

**N4** A prospective student must have passed Grade 12 with minimum requirements for admission to a Diploma (relevant subjects\* may be required in certain fields)/ Passed National Senior Certificate or NC (V) Level 4-relevant field.

**N5** requires N4 certificate or three subjects passed on previous level plus proof of enrolment to rewrite failed subject

**N6** requires N5 certificate or three subjects passed on previous level plus proof of enrolment to rewrite failed subject

### Enrolment Schedule

January and July

### Duration

A minimum of 18 months theory, six months (1 semester) per level, and 18 months practical experience (2000 hours)

### NOTE

Students in possession of N6 Certificate plus 18 months relevant practical experience can apply for a National N- Diploma (M+3).

## National Certificate: BUSINESS MANAGEMENT

### Programme of Study

N4	N5	N6
Computer Practice	Computer Practice	Computer Practice
Entrepreneurship and Business Management	Entrepreneurship and Business Management	Entrepreneurship and Business Management
Financial Accounting	Sales Management	Sales Management
Management Communication	Financial Accounting or Public Relations	Financial Accounting or Computerised Financial Accounting

\*Relevant Subject is Grade 12/Level 4/NSC Accounting

### Outcomes

The learner will have the ability to work in a business environment.

### Career Opportunities

This qualification enables students to work in a private, government or business environment as: Financial Clerk, Accounting Clerk, Administration Officer, Personal Assistant, Office Assistant, Credit Clerk, etc.

## National Certificate: FINANCIAL MANAGEMENT

### Programme of Study

N4	N5	N6
Financial Accounting	Financial Accounting	Financial Accounting
Management Communication	Entrepreneurship and Business Management	Entrepreneurship and Business Management
Computerized Financial System	Computerized Financial System	Computerized Financial System
Entrepreneurship and Business Management	Cost and Management Accounting	Cost and Management Accounting

\*Relevant Subject is Grade 12/Level 4/NSC Accounting

### Outcomes

The student will be able to analyse financial statements, do general bookkeeping, capturing of data, etc.

### Career Opportunities

This qualification will enable the student to work in a private, government or business environment as Asset Controller, Debtors Clerk, Creditors Clerk, Bookkeeper, etc.

## National Certificate: MANAGEMENT ASSISTANT

### Programme of Study

N4	N5	N6
Information Processing	Information Processing	Information Processing
Computer Practice	Computer Practice	Computer Practice
Office Practice	Office Practice	Office Practice
Communication	Communication	Communication

### Outcomes

The student will be able to assist anyone holding a managerial position and perform administrative duties.

### Career Opportunities

This qualification will enable the student to work in a private, government or business environment as a Receptionist, Telephonist, Personal Assistant, Administrative Officer, Data Capturing Officer, General Office Clerk Typist, Secretary, Office Supervisor.

## National Certificate: **MARKETING MANAGEMENT**

### Programme of Study

N4	N5	N5
Computer Practice	Computer Practice	Computer Practice
Entrepreneurship and Business Management	Public Relations	Sales Management
Management Communication	Marketing Management	Marketing Research
Marketing Management	Sales Management	Marketing Communication

### Outcomes

The learner will have the ability to do market research and marketing of an organisation and its products or services.

### Career Opportunities

This qualification will enable the student to work in a private, government or business environment as Sales Representative, Marketing Assistant, Marketing Officer, Marketing Consultant, Marketing Manager, Advertising Manager, etc.

## National Certificate: **PUBLIC MANAGEMENT**

### Programme of Study

N4	N5	N6
Public Administration	Public Administration	Public Administration
Computer Practice	Public Finance or Computer Practice	Public Law
Management Communication	Municipal Administration	Municipal Administration
Entrepreneurship and Business Management	Public Relations	Public Finance or Computer Practice

### Outcomes

The student will be able to do administration related responsibilities in local, provincial and national government institutions

### Career Opportunities

This qualification will enable the student to work in a government or business environment as Administrative Officer, General Office Clerk etc.

## National Certificate: HUMAN RESOURCE MANAGEMENT

### Programme of Study

N4	N5	N6
Entrepreneurship and Business Management	Computer Practice	Computer Practice
Management Communication	Labour Relations	Labour Relations
Computer Practice	Personnel Training	Personnel Training
Personnel Management	Personnel Management	Personnel Management

### Outcomes

The learner will be able to deal with Human Resource related responsibilities in business and public institutions.

### Career Opportunities

This qualification will enable students to work in a government or business environment as a personnel, training, labour relations officer etc.



## MOŠATE HOTEL SCHOOL SATELLITE CAMPUS

### C. National Certificate: PROFESSIONAL COOKERY NQF 4

#### Programme of Study (Modules)

Introduction to the Hospitality industry	Fundamentals
Hygiene and cleaning	Food and beverages
Health, Safety and Security	Food preparation and cooking
Food storage and Stock Control	Supervision

#### Admission Requirements

A prospective student must have at least passed Grade 11.

#### Career Opportunities

This qualification enables students to work in hotels, hospitals, restaurants, recreation clubs, catering companies, etc. as Kitchen Assistant, Caterer, Bar Attendant, Waitron, Chef, etc.

#### Enrolment Schedule

January + July

#### Duration

A minimum of 12 months

#### Mode of Delivery

Four months full-time integration of theory and eight months of full-time workplace exposure.

### Skills Programme: ASSISTANT CHEF NQF 2

#### Programme of Study (Modules)

Working in the Hospitality Industry
Handling Food
Preparation and Cooking of Food

#### Admission Requirements

The prospective student must have passed Grade 9 or higher, or have an NQF Level 1/ABET Level 4 qualification, or an approved bridging programme designed for the specific purpose to access NQF Level 2 or a Recognition of Prior Learning (RPL) assessment to meet the basic requirements for access to NQF Level 2.

### **Career Opportunities**

This qualification enables students to work in hotels, hospitals, restaurants, recreation clubs, catering companies, etc. as Kitchen Assistant, Caterer, Hospitality Receptionist, Bar Attendant, Waitron, Chef, etc.

### **Enrolment Schedule**

January + July

### **Duration**

A minimum of four months

### **Mode of Delivery**

Two months full-time integration of theory and practical sessions. Two months full-time Workplace exposure.



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## SIR VAL DUNCAN CAMPUS

### D. NC(V) Programmes (National Certificate Vocational)

#### Admission Requirements

The prospective student must have passed Grade 9 or higher, or have an NQF Level 1/ABET Level 4 qualification, or an approved bridging programme designed for the specific purpose to access NQF Level 2 or a Recognition of Prior Learning (RPL) assessment to meet the basic requirements for access to NQF Level 2.

#### Enrolment Schedule

January

#### Duration

3 years (a full year programme at each of the NQF levels of study)

#### Note

The NC(V) qualification is designed to provide both theoretical and practical of the field offered both in class and real or simulated workplace environment.



	LEVEL 2	LEVEL 3	LEVEL 4
Fundamental Subjects (Compulsory for all programmes)	English Life Orientation Mathematics	English Life Orientation Mathematics	English Life Orientation Mathematics
1. Civil Engineering and Building Construction	Construction Planning	Construction Planning	Construction Planning
	Plant and Equipment	Plant and Equipment	Construction Supervision
	Materials	Materials	Materials
	Choose <b>ONE</b> of the following: - Carpentry & Roof Work - Masonry - Plumbing	Next level of chosen subject: - Carpentry & Roof Work - Masonry - Plumbing	Next level of chosen subject: - Carpentry & Roof Work - Masonry - Plumbing
2. Electrical Infrastructure Construction	Electrical Principles and Practice	Electrical Principles and Practice	Electrical Principles and Practice
	Workshop Practice	Electrical Workmanship	Electrical Workmanship
	Electronic Control and Digital Electronics	Electronic Control and Digital Electronics	Electronic Control and Digital Electronics
	Electrical Systems and Construction	Electrical Systems and Construction	Electrical Systems and Construction
3. Engineering and Related Design	Engineering Fundamentals	Engineering Practice and Maintenance	Engineering Processes
	Engineering Technology	Materials Technology	Professional Engineering Practice
	Engineering Systems	Engineering Graphics and Design (CAD)	Applied Engineering Technology
	Choose <b>ONE</b> of the following: - Fitting & Turning - Automotive Repair & Maintenance - Engineering Fabrication-Boilermaking	Next level of chosen subject: - Fitting & Turning - Automotive Repair & Maintenance - Engineering Fabrication-Boilermaking	Next level of chosen subject: - Fitting & Turning - Automotive Repair & Maintenance - Engineering Fabrication-Boilermaking
4. Information Technology and Computer Science	Introduction to Information Systems	Systems Analysis and Design	Systems Analysis and Design
	Electronics	Computer Hardware and Software	Data Communication and Networking
	Introduction to Systems Development	Principles of Computer Programming	Computer Programming
	Contact Centre Operations	Contact Centre Operations	Contact Centre Operations

## Possible employment opportunities after completion

### 1. CIVIL ENGINEERING AND BUILDING CONSTRUCTION

- Operating and maintenance of construction equipment and machinery,
- Participate in the construction of roads, bridges, houses etc.
- Participate in the erection of reinforced concrete, structural steel, timber and masonry structures, etc.

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. drainage inspection, town and regional planning, sanitation engineering, road construction engineering, and building construction.

## **2. ELECTRICAL INFRASTRUCTURE CONSTRUCTION**

- Work at power station,
- Work as a learner electrician
- Work as a learner electrical technician

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. electrical engineering, electrician, industrial engineering, sound technology, theatre, process level control, digital electronics and instrumentation.

## **3. ENGINEERING AND RELATED DESIGN**

- Participate in the constructing of buildings,
- Participate in the manufacturing of tools, machines and engines,
- Participate in the building of roads, bridges, canals and dams ,
- Participate in the operation and maintenance of machines,
- Participate in the design of shaft and ventilation systems

### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. manufacturing and industrial engineering, metallurgical and materials engineering, mining engineering, geological engineering, and fitting and machining



#### **4. INFORMATION TECHNOLOGY AND COMPUTER SCIENCE**

- Test programmes and software applications,
- Write computer programmes,
- Install network cables for computer systems,
- Process computer data

#### **Career Opportunities**

The qualification will provide the student with an opportunity to access careers in a variety of sectors i.e. computer programming, information technology management, computer systems engineering and data processing.

#### **E. NATED PROGRAMMES :ENGINEERING STUDIES**

##### **Admission Requirements**

##### **N2**

Passed N1 (N1 certificate or three subjects passed on previous level plus proof of enrolment to rewrite failed subject)

Passed at least 3 relevant subjects in Grade 10

Passed NC(V) Level 3-relevant field

##### **N3**

Passed N2 (N2 certificate or three subjects passed on N2 plus proof of enrolment to rewrite failed subject)

Passed at least 3 relevant subjects in Grade 11

Passed NC(V) Level 3-relevant field

##### **Notes**

1. The admission requirement for N4 Certificate requires one to have at least N3 Certificate or Grade 12 with relevant technical subjects.
2. Students in possession of N6 Certificate plus 24 months relevant practical experience can apply for a National N-Diploma:

##### **Enrolment Schedule**

January, May & September

##### **Mode of Delivery**

Full-Time & Part-Time (N4-N6)

## 1. National Certificate: ELECTRICAL ENGINEERING

### Programme of Study

#### HEAVY CURRENT

N2	N3	N4	N5	N6
Mathematics	Mathematics	Mathematics	Mathematics	Mathematics
Industrial Electronics	Industrial Electronics	Engineering Science	Electronics	Electrotechnics
Electrical Trade	Electro technology/ Electrical Trade Theory	Electronics	Industrial Electronics	Industrial Electronics
Engineering Science	Engineering Science	Electrotechnics	Power Machines	Power Machines
			Supervisory Management	Supervisory Management

**LIGHT CURRENT:** Subjects are offered only with special arrangement on Part-time basis.

#### Outcomes

The students will be able to become a qualified tradesman or technician after completion of the relevant experiential learning.

#### Career Opportunities

Electrical Tradesman, Electronic Tradesman, Instrumental Tradesman, Auto/Motor Electrical Tradesman and Electrical/Electronic Technician.



## 2. National Certificate: MECHANICAL ENGINEERING (DIESEL, FITTING & TURNING AND BOILERMAKING)

### Programme of Study

#### DIESEL

N2	N3	N4	N5	N6
Mathematics	Mathematics	Mechanotechnics	Mechanotechnics	Mechanotechnics
Engineering Science	Engineering Science	Mechanical Draughting	Mechanical Draughting	Mechanical Engineering
Engineering Drawing	Engineering Drawing	Mathematics	Power Machines	Mathematics
Diesel Trade Theory	Diesel Trade Theory/ Mechanotechnology	Engineering Science	Supervisory Management	Power Machines
		Supervisory Management	Engineering Physics	Engineering Physics
			Mathematics	

#### FITTING AND TURNING

N2	N3	N4	N5	N6
Mathematics	Mathematics	Mechanotechnics	Mechanotechnics	Mechanotechnics
Engineering Science	Engineering Science	Mechanical Draughting	Mechanical Draughting	Mechanical Engineering
Engineering Drawing	Engineering Drawing	Mathematics	Power Machines	Mathematics
Fitting and Turning	Mechanotechnology	Engineering Science	Supervisory Management	Power Machines
		Supervisory Management	Engineering Physics	Engineering Physics
			Mathematics	

#### BOILERMAKING

N2	N3	N4	N5	N6
Mathematics	Mathematics	Mechanotechnics	Mechanotechnics	Mechanotechnics
Engineering Science	Engineering Science	Mechanical Draughting	Mechanical Draughting	Mechanical Engineering
Platers and structural steel drawing	Platers and structural steel drawing	Mathematics	Power Machines	Mathematics
Plater's Theory	Mechanotechnology	Engineering Science	Supervisory Management	Power Machines
		Supervisory Management	Engineering Physics	Engineering Physics
			Mathematics	

#### Outcomes

The student will be able to become a qualified tradesman after the completion of the relevant practical experiential training.

#### Career Opportunities

Petrol/Diesel Tradesman, Fitting & Turning/Machining Tradesman, Boilermaker, Mechanical Technician.

## National Certificate: MILLWRIGHT ELECTRICAL/MECHANICAL

### Programme of Study

#### Admission requirements

The learner should at least be in possession of appropriate National Certificate N3 Engineering Studies or National Senior Certificate or Grade 12 qualification with Mathematics and any Science related subject or at least three applicable Grade 11 Technical instructional offerings at higher or standard Grade level.

1 <sup>ST</sup> TRIMESTER (N4)	2 <sup>ND</sup> TRIMESTER (N5)	3 <sup>RD</sup> TRIMESTER (N6)
Mathematics	Mathematics	Mathematics
Engineering Science	Industrial Electronics	Industrial Electronics
Industrial Electronics	Power Machines	Power Machines
Electrotechnology and Mechanotechnology	Electrotechnology and Mechanotechnology	Electrotechnology and Mechanotechnology

After successful completion of all Electrical and Mechanical subjects, a student can submit a request to the College to arrange for a special Millwright examination date with DHET.

#### Outcomes

The student will be able to become a qualified tradesman/technician in Millwright.

#### Career Opportunities

Millwright Tradesman and Millwright Technician

A number of Engineering related skills/artisan development programmes are offered.

**PLEASE NOTE: THE STUDENT MAY ONLY QUALIFY FOR A DIPLOMA AFTER COMPLETION OF 18 MONTHS IN-SERVICE TRAINING AT AN APPLICABLE WORKPLACE OF THE STUDENT'S CHOICE.**







## MOPANI SOUTH EAST TVET COLLEGE

"EXCELLENCE IS ALWAYS OUR CHOICE"

### CORPORATE CENTRE

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Fax: 015 781 5346

Email: [administration@mopanicollege.edu.za](mailto:administration@mopanicollege.edu.za)

### MOŠATE SATELLITE CAMPUS

HOTEL SCHOOL

16 Sealene Street

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### SIR VAL DUNCAN CAMPUS

ENGINEERING STUDIES

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