



higher education  
& training

Department:  
Higher Education and Training  
REPUBLIC OF SOUTH AFRICA



TSHWANE NORTH TVET COLLEGE  
Technical and Vocational Education and Training College

# PROGRAMME OFFERINGS





## TNC Programme Matrix-2024

### Business Studies N4-N6: SEMESTER PROGRAMME

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Management Assistant		•			•	•	•
Financial Management	•	•			•	•	•
Public Relations					•		•
Public Management	•	•			•	•	•
Legal Secretary		•					
Business Management		•					

### Social and Utilities Studies N4-N6: SEMESTER PROGRAMME

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Art and Design		•					
Clothing Production		•					
Tourism		•					
Hospitality and Catering Services		•					

## Engineering Studies N4-N6: TRIMESTER PROGRAMME

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Civil Engineering	•		•	•			
Mechanical Engineering			•			•	
Electrical Engineering	•		•	•		•	

## National Certificate (Vocational) NC (V) NQF Levels 2-4: YEAR PROGRAMME

### Engineering Studies

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Civil Engineering and Building Construction	•			•			
Electrical Infrastructure Construction	•			•		•	
Engineering and Related Design (ERD)						•	
Information Technology and Computer Science	•						
Mechatronics			•				

Business Studies (NVC)

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Marketing		•					
Generic Management		•					
Finance Economics and Accounting		•					
Office Administration	•				•		
Transport and Logistics					•		

Utility Studies (NVC)

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Safety in Society						•	
Hospitality		•					
Tourism		•					
Primary Agriculture						•	

## Pre-Learning Programmes (PLP):

Duration:

Admission Requirements:

## 1 YEAR BRIDGING PROGRAMME

### 1 Year Programme

- Passed between Grade 9 and 11 (Not Grade 12)
- Students who have applied for NCV Engineering programmes where they DO NOT meet the requirements
- Students who show potential of passing an NCV Engineering programme

Course per Campus	Mamelodi	Pretoria	Rosslyn	Soshanguve North	Soshanguve South	Temba	Open Learning
Pre-Learning Programme (PLP)	•						

## National Certificate (Vocational):

**Duration:**

**Admission Requirements:**

## Engineering Studies

**One year per NQF Level for all programmes**

**NQF Level 2:** Passed Grade 9 or higher/ NQF Level 1 with a pass in Mathematics and English

**NQF Levels 3 and 4:** Competency in learning out comes at NQF Level 3/4 of the same subfield/programme

A total of 7 subjects: 3 fundamental and 4 vocational subjects



**To obtain a National Certificate:**

## **Electrical Infrastructure Construction**

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation
<b>Vocational Subjects:</b> Electrical Principles and Practice Workshop Practice Electronic Control and Digital Electronics Electrical Systems and Construction (Specialisation)	<b>Vocational Subjects:</b> Electrical Principles and Practice Electrical Workmanship Electronic Control and Digital Electronics Electrical Systems and Construction (Specialisation)	<b>Vocational Subjects:</b> Electrical Principles and Practice Electrical Workmanship Electronic Control and Digital Electronics Electrical Systems and Construction (Specialisation)

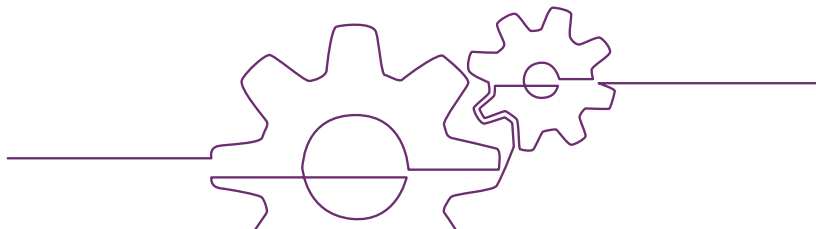
**Career opportunities:** It gives access to the following career sectors: Electrical construction engineering; industrial engineering; sound technology; theatre technology; process level control; digital electronics; instrumentation.



## Civil Engineering and Building Construction

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation
<b>Vocational Subjects:</b> Plant and Equipment Construction Planning Materials Carpentry and Roof Work (specification) Plumbing (Specification) Concrete Structures (Specialisation) Masonry (Specialisation)	<b>Vocational Subjects:</b> Plant and Equipment Construction Planning Materials Carpentry and Roof Work (specification) Plumbing (Specification) Concrete Structures (Specialisation) Masonry (Specialisation)	<b>Vocational Subjects:</b> Construction Planning Construction Supervision Materials Carpentry and Roof work (specification) Plumbing (Specification) Concrete Structures (Specialisation) Masonry (Specialisation)

**Career Opportunities:** It gives access to the following career sector: architectural technology, drainage inspection, industrial designing; quantity surveying, town and regional planning; sanitation and reticulation; building construction.







## Engineering and Related Design

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation
<b>Vocational Subjects:</b> Engineering Fundamentals Engineering Technology Engineering Systems Fitting and Turning (optional) Or Engineering Fabrication (Optional) Or Automotive Repair and Maintenance (Optional)	<b>Vocational Subjects:</b> Engineering Practice and Maintenance Material Technology Engineering Graphics and Design Fitting and Turning (optional) Or Engineering Fabrication Boiler making (Optional) Or Automotive Repair and Maintenance (Optional)	<b>Vocational Subjects:</b> Engineering Processes Professional Engineering Practice Applied Engineering Technology Fitting and Turning (optional) Or Engineering Fabrication Boiler making (Optional) Or Automotive Repair and Maintenance (Optional)

**Career opportunities:** Depending on specific career field chosen:

**Fabrication:** The certificate holder will be able to design shafts and ventilation systems; plan and design mines and mining facilities; fabricate plate work and manufacturing of steel structures; interpret technical drawings.

**Fitting and Turning:** The certificate holder will be able to manufacture tools, machines and engines; operate and maintain machines; manufacture machines and other related components; interpret technical drawings.

**Automotive Repair and Maintenance:** The certificate holder will have access to the following sectors: car manufacturing; automotive repair and maintenance; motor mechanics.



## Information Technology and Computer Science

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematics Life Orientation
<b>Vocational Subjects:</b> Introduction to Information Systems Introduction to Systems Development Electronics Contact Centre Operations	<b>Vocational Subjects:</b> Computer Hardware and Software Principles of Computer Programming System Analysis and Design Contact Centre Operations	<b>Vocational Subjects:</b> Computer Programming Data Communication and Networking System Analysis and Design Contact Centre Operations



## Mechanics

Level 2	Level 3	Level 4
<ul style="list-style-type: none"> <li>• Electrotechnology</li> <li>• Introduction to Computers</li> <li>• Manual Manufacturing</li> <li>• Mechatronic Systems (0)*</li> </ul>	<ul style="list-style-type: none"> <li>• Electrotechnology</li> <li>• Machine Manufacturing</li> <li>• Stored Programme Systems</li> <li>• Mechatronic Systems (0)*</li> </ul>	<ul style="list-style-type: none"> <li>• Computer-Integrated Manufacturing</li> <li>• Electrotechnology</li> <li>• Stored Programme Systems</li> <li>• Mechatronic Systems (0)*</li> </ul>

**What is the role of a Mechanics Technician?** Assist in the design of robotic and intelligent equipment, Develop products and build prototypes, Assist engineering staff with the design and development of projects ranging from ATMs to large manufacturing plants, Manages electrical and mechanical systems, Tests new equipment, Installs new equipment.

**National Certificate (Vocational):****Duration:****Admission Requirements:****Business Studies****One year per NQF Level for all programmes****NQF Level 2:** Passed Grade 9 or higher/ NQF Level 1/ AET Level 4 with a pass in Social Sciences subjects and English (Specific College Requirements apply)**NQF Levels 3 and 4:** Competency in learning outcomes at NQF Level 3/4 of the same subfield/ programme

A total of 7 subjects: 3 fundamental and 4 vocational subjects

**To obtain a National Certificate:****Generic Management**

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b>Vocational Subjects:</b> Management Practice Operations Management Financial Management Entrepreneurship	<b>Vocational Subjects:</b> Management Practice Operations Management Financial Management Project Management	<b>Vocational Subjects:</b> Management Practice Operations Management Financial Management Project Management

**Career opportunities:** Human resource; marketing; finance management; public relations.



## Marketing

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b>Vocational Subjects:</b> Marketing Advertising and Promotions Marketing Communication Consumer Behavior	<b>Vocational Subjects:</b> Marketing Advertising and Promotions Marketing Communications Consumer Behavior	<b>Vocational Subjects:</b> Marketing Advertising and Promotions Marketing Communications Consumer Behavior

**Career opportunities:** Marketing new products; research needs and development; sales assistants; sales representatives.



## Office Administration

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation



Level 2	Level 3	Level 4
<b><u>Vocational Subjects:</u></b> Business Practice New Venture Creation OR Applied Accounting Office Data Processing Office Practice	<b><u>Vocational Subjects:</u></b> Business Practice New Venture Creation OR Applied Accounting Office Data Processing Office Practice	<b><u>Vocational Subjects:</u></b> Business Practice Office Data Processing Office Practice New Venture Creation or Applied Accounting

**Career opportunities:** private and public accounting; financial services; insurance services; investment services and bookkeeping. Vocational activities: Perform bookkeeping duties, keeping record of wages, salaries, petty cash, etc. Prepare financial statements.



### Finance, Economics and Accounting

Level 2	Level 3	Level 4
<b><u>Fundamental Subjects:</u></b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b><u>Fundamental Subjects:</u></b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b><u>Fundamental Subjects:</u></b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b><u>Vocational Subjects:</u></b> Applied Accounting Economic Environment Financial Management New Venture Creation	<b><u>Vocational Subjects:</u></b> Applied Accounting Economic Environment Financial Management New Venture Creation	<b><u>Vocational Subjects:</u></b> Applied Accounting Economic Environment Financial Management New Venture Creation

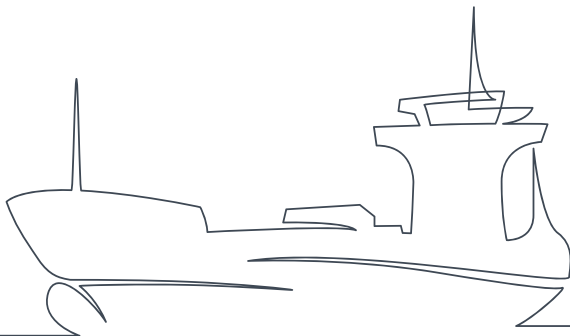
**Career opportunities:** Private and public accounting; financial services; insurance services; investment services and bookkeeping. Vocational activities: Perform bookkeeping duties, keeping record of wages, salaries, petty cash, etc. Prepare financial statements.



## Transport and Logistics

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b>Vocational Subjects:</b> Freight Logistics Transport Economics Transport Operations New Venture Creation	<b>Vocational Subjects:</b> Freight Logistics Transport Economics Transport Operations New Venture Creation	<b>Vocational Subjects:</b> Freight Logistics Transport Economics Transport Operations New Venture Creation

**Career Opportunities:** Marketing and Sales through to ware housing logistics and freight transport, Air Cabin Crew, Freight Forwarder, Air Traffic Controller, Logistic and Distribution Manager, Passenger Transport Manager, Transport Planner.



## National Certificate (Vocational):

**Duration:**

**Admission Requirements:**

## General/Utility Studies

**One year per NQF Level for all programmes**

**NQF Level 2:** Passed Grade 9 or higher/ NQF Level 1/ AET Level 4 with a pass in Social Sciences subjects and English (Specific College Requirements apply)

**NQF Levels 3 and 4:** Competency in learning outcomes at NQF Level 3/4 of the same subfield/programme  
A total of 7 subjects: 3 fundamental and 4 vocational subjects



**To obtain a National Certificate:**



## Tourism

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b>Vocational Subjects:</b> Science of Tourism Client Services and Human Relations Sustainable Tourism in South Africa Tourism Operations	<b>Vocational Subjects:</b> Science of Tourism Client Services and Human Relations Sustainable Tourism in South Africa and Regional Travel Tourism Operations	<b>Vocational Subjects:</b> Science of Tourism Client Services and Human Relations Sustainable Tourism in South Africa and International Travel Tourism Operations

**Career opportunities:** Accommodation management, conference and events planning, restaurants and food services, travel counselling and arrangements, game range and safari work.



## Safety in Society

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b>Vocational Subjects:</b> Introduction to Governance Introduction to Law Principles of Criminal Justice Introduction to Policing Practices OR Criminology	<b>Vocational Subjects:</b> Governance Criminal Law Criminal Justice Structures and Mandates Theory of Policing Practices OR Criminology	<b>Vocational Subjects:</b> Governance Law of Procedures and Evidence Criminal Justice Process Applied Policing OR Criminology

**Career opportunities:** It gives access to the following career sectors: Correctional services; immigration and customs; security service; policing; trafficking and metro policing.



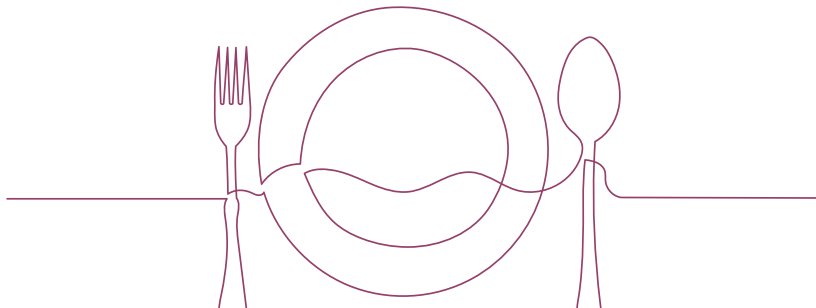




## Hospitality

Level 2	Level 3	Level 4
<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation	<b>Fundamental Subjects:</b> English 1 <sup>st</sup> Additional Language Mathematical Literacy Life Orientation
<b>Vocational Subjects:</b> Hospitality Generics Food Preparation Client Services and Human Relations Hospitality Services	<b>Vocational Subjects:</b> Hospitality Generics Food Preparation Client Services and Human Relations Hospitality Services	<b>Vocational Subjects:</b> Hospitality Generics Food Preparation Client Services and Human Relations Hospitality Services

**Career opportunities:** It gives access to the following career sectors: housekeeping; food and beverage management; hotel management; accommodation services; events management; catering services. Vocational Activities: managing a guest house; deal with clients; services in an accommodation facility; work as waiter/waitress; work as a housekeeper in a hotel/inn and guesthouse; entrepreneur; caterer.

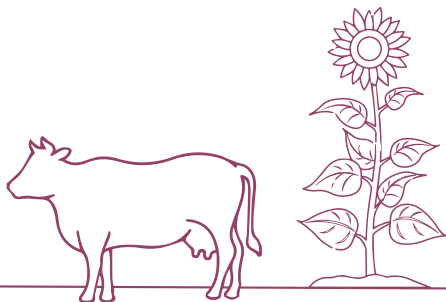




## Primary Agriculture

Level 2	Level 3	Level 4
Animal Production Plant Production Soil Science Agri-business (0)*	Animal Production Plant Production Soil Science Agri-business (0)*	Animal Production Advanced Plant Production Farm planning & Mechanism Agri-business (0)*

**Career opportunities:** animal production, crops and livestock production, soil production and maintenance, how to run a farm as a business, involvement in food security, student employability - internships and apprenticeships



## National (N) Diploma:

Duration:

## Admission Requirements:

## To obtain a National (N) Certificate:

## General/Utility Studies

**Theory:** 6 (Six) months per N level for all programmes = **18 months PLUS**

**Practical (Work Integrated Learning)**

**18 months = 36 months or 3 years**

**N4:** Passed Grade 12 or NQF Level 4 with a pass in Utility Studies subjects and English. Introductory programme for Art and Design and Clothing Production \*(Specific College Requirements apply)

**N5:** Passed **N4** subjects and **N6:** Passed N4 and N5 Subjects of the same subfield or programme

A total of 4 subjects per level for N4, N5 and N6



## Art and Design

Into N4	N4	N5	N6
Space and Volume Form and Colour Graphics Interpretation Introductory Drawing	Painting N4 Drawing N4 Graphic Design N4 Entrepreneurship and Business Management N4	Painting N5 Drawing N5 Graphic Design N5 History of Art N5	Painting N6 Drawing N6 Graphic Design N6 History of Art N6

**Career opportunities:** Graphic designer; art curator; a cartoonist; (animation) art director; museum instructor; art teacher/lecturer; illustrator artist, contemporary artist, visual artist, history of art specialist; an art examiner/moderator.



## Clothing Production

Into N4	N4	N5	N6
Intro Clothing Construction N4 Intro Factory Organisation N4 Intro Fashion Drawing N4 Intro Pattern Construction N4	Clothing Construction N4 Fashion Drawing N4 Pattern Construction N4 Intro Entrepreneurship N4	Clothing Construction N5 Fashion Drawing N5 Pattern Construction N5 Entrepreneurship and Business Management N4	Clothing Construction N6 Fashion Drawing N6 Pattern Construction N6 Computer Practice N4

**Career opportunities:** Entrepreneur, factory seamstress, fashion designer, garment maker.



## Hospitality and Catering Services

N4	N5	N6
Catering: Theory and Practical N4 Applied Management N4 Sanitation and Safety N4 Nutrition and Menu Planning N4	Catering: Theory and Practical N5 Applied Management N5 Food and Beverages Services N5 Entrepreneurship and Business Management N4	Catering: Theory and Practical N6 Applied Management N6 Communication and Human Relations N6 Computer Practice N4

**Career opportunities:** Housekeeping; food and beverage management; events management; accommodation service; caterer; entrepreneurship.





## Tourism

N4	N5	N6
Travel Services N4 Travel Office Procedures N4 Tourist Destinations N4 Tourism Communication N4 Computer Practice N4	Travel Services N5 Travel Office Procedures N5 Tourist Destinations N5 Tourism Communication N5	Travel Services N6 Travel Office Procedures N6 Tourist Destinations N6 Hotel Reception N6

**Career opportunities:** Accommodation management; conference and events planning; restaurant and food services; travel counselling and arrangement; game range and safari work.



**Admission Requirements:**

Grade 9 passed or Equivalent, 16 yrs or older

**Duration:**

3 Years



## Hair Dressing

### Subjects

Introductory Studies for Hairdressers

Shampoo, Conditioners and Treatment

Hair and Skin

Shampoo, Condition and Treat

Provide Shampooing and Treatment of Hair

Hairstyling

Communication and Sales

Style Hair

Cut Hair/ Barber

Provide Hairstyling Services in a Hair Salon

Haircutting

Chemical Hair Services

Colour Hair

Provide Chemical Hair Treatment

Maintain Professional Standard When Interaction with Clients

**Career Opportunities:** Entrepreneur (Salon Owner), Barber, Hair Specialist (Hair Colouring)



## National (N) Diploma:

Duration:

## Admission Requirements:

## To obtain a National (N) Certificate:

## Business Studies

**Theory:** 6 (Six) months per N level for all programmes = **18 months PLUS**

**Practical (Work Integrated Learning) 18 months = 36 months or 3 years**

**N4:** Passed Grade 12 or NQF Level 4 with a pass in Business Studies subjects and English \*(Specific College Requirements apply)

**N5:** Passed **N4** subjects and **N6:** Passed N4 and N5 Subjects of the same subfield or programme

A total of 4 subjects per level for N4, N5 and N6



## \*Business Management

N4	N5	N6
Management Communication N4 Entrepreneurship and Business Management N4 Computer Practice N4 Financial Accounting N4	Sales Management N5 Entrepreneurship and Business Management N5 Computer Practice N5 Financial Accounting N5	Sales Management N6 Entrepreneurship and Business Management N6 Computer Practice N6 Financial Accounting N6

**Career opportunities:** Asset controllers; debtor's clerk; creditor's clerk and entry level financial management careers.





### \*Public Management

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

**Career opportunities:** Entry levels in the administrative, Human Resources and other divisions of the public sector, National Governments and Local Governments.



### \*Financial Management

N4	N5	N6
Management Communication N4 Entrepreneurship and Business Management N4 Computerized Financial Systems N4 Financial Accounting N4	Cost and Management Accounting N5 Entrepreneurship and Business Management N5 Computerized Financial Systems N5 Financial Accounting N5	Cost and Management Accounting N6 Computerized Financial Systems N6 Income Tax N6 Financial Accounting N6

**Career opportunities:** Asset controllers; debtor's clerk; creditor's clerk and entry level financial management careers.







### \*Management Assistant

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

**Career opportunities:** Management assistant; telephonist; receptionist; secretary; personal assistant; general office clerk; typist and audio typist.



### \*Legal Secretary

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

**Career opportunities:** Legal secretaries may also find interesting career opportunities in courts, with police, or in the barrister's chambers. They can also move into other skilled secretarial work such as working as medical secretary, solicitors and legal executives.



### \*Public Relations

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

**Career opportunities:** Assistant to Public Relations Officer; Assistant to Marketing and Communications Officer; Personal Assistant; telephonist; receptionist; secretary; personal assistant; general office clerk; typist and audio typist.

## Pre-Learning Programme (PLP)

### Duration:

1 year programme

### Admission Requirements:

Passed Grade 9 or higher with a pass in Mathematics and English (Specific College Requirements apply)

### Promotional Requirements:

Passed 4 (Four) Foundational Learning subjects



## One (1) Year Bridging Programme

### Subjects:

Foundational English  
Foundational Mathematics  
Foundational Life Skills  
Foundational Science

**Opportunities:** It gives access to the Report 191/National Certificate (Vocational) Engineering programmes that the student would not have qualified for once successfully completed



## National (N) Diploma:

**Duration:**

**Admission Requirements:**

## Engineering Studies

Eleven (11) weeks/three (3) months per N Level (Trimester) for all programmes  
Passed N3, Grade 12 or NQF.

**N4:** Passed Grade 12 or NQF Level 4 Science and English (Specific College Requirements apply)

**N5:** Passed N4 subjects and

**N6:** Passed N4 and N5 Subjects of the same subfield or programme

A total of 4 subjects at the same level



**To obtain a National Certificate:**



## Civil Engineering

N4	N5	N6
Building Administration N4 Building and Structural Surveying N4 Building and Structural Construction N4 Quantity Surveying N4	Building Administration N5 Building and Structural Surveying N5 Building and Structural Construction N5 Quantity Surveying N5	Building Administration N6 Building and Structural Surveying N6 Building and Structural Construction N6 Quantity Surveying N6

**Career opportunities:** Architectural technician; quantity surveyor; drainage inspector; builder.





## Electrical Engineering

N4	N5	N6
Mathematics N4 Engineering Science N4 Industrial Electronics N4 Electrotechnics N4	Mathematics N5 Industrial Electronics N5 Electrotechnics N5 Power Machines N5	Mathematics N6 Industrial Electronics N6 Electrotechnics N6 Power Machines N6 Control Systems N6

**Career Opportunities:** Electrician installation; domestic appliance repairs; house wiring.



## Mechanical Engineering

N4	N5	N6
Mathematics N4 Mechanotechnics N4 Supervisory Management N4 Engineering Science N4 Mechanical Draughting N4 Plating and Structural Steel Drawing N4	Mathematics N5 Mechanotechnics N5 Supervisory Management N5 Fluid Mechanics N5 Power Machines N5 Strength of Materials and Structures N5 Mechanical Drawing and Design N5	Mathematics N6 Mechanotechnics N6 Supervisory Management N6 Fault Finding and Protective Device N6 Fluid Mechanics N6 Power Machines N6 Strength of Materials and Structures N6 Mechanical Drawing and Design N6

**Career Opportunities:** Mill Wright; fitter and turner; technically related career opportunities; mechanical technician; power station worker; mechanical draughtsman; welder; tool maker.

**Beauty Qualification:** ITEC DIPLOMA for Beauty Specialist (Level 2) and Facial Electrical treatments (Level 3)

**Duration:** 1 Year (Full time)

**Admission Requirements:** Passed Grade 12 or NQF Level 4 Certificate



### Learning areas to be covered

Make-up  
Manicure and Pedicure  
Waxing

Professional Conduct and Business Awareness  
Facial Electrical Treatment

### Short Skills Programmes offered at the Pretoria Campus

Skills programme	Duration	Certification
<b>Baking</b> <ul style="list-style-type: none"><li>• Costing of a recipe.</li><li>• Baking a variety of cakes, tarts, bread, buns, rusks and scones.</li></ul>	12 Saturdays	College Certificate
<b>Event Management</b> <ul style="list-style-type: none"><li>• Types of events</li><li>• How to choose a venue</li><li>• Etiquette</li><li>• Event Elements</li><li>• Finances and administration</li></ul>	12 Saturdays	College Certificate

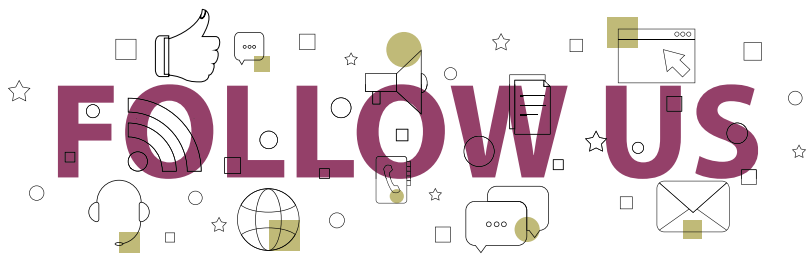


Skills programme	Duration	Certification
<b>Fashion Design</b> <ul style="list-style-type: none"> <li>• Measuring and calculation</li> <li>• Draw of a block pattern</li> <li>• Elaborate different styles using block pattern</li> </ul>	12 Saturdays	College Certificate
<b>Flower Arranging</b> <ul style="list-style-type: none"> <li>• Identify different flowers, and use of it</li> <li>• Storage and watering of flowers</li> <li>• 20 different bouquets, practical</li> <li>• How to do a quotation, finances and planning</li> </ul>	12 Saturdays	College Certificate
<b>Garment Making</b> <ul style="list-style-type: none"> <li>• How to use a sewing machine</li> <li>• How to use an industrial pattern, layout and cut of garment and ensemble parts of pattern</li> <li>• Make 6 different garments</li> </ul>	12 Saturdays	College Certificate
<b>Manicure and Pedicure</b> <ul style="list-style-type: none"> <li>• Basic Manicure</li> <li>• Oil manicure</li> <li>• Paraffin wax manicure</li> </ul>	12 Saturdays	College Certificate
<b>Make-up</b> <ul style="list-style-type: none"> <li>• Foundation application and corrective make-up</li> <li>• Day make-up</li> <li>• Evening make-up</li> <li>• Bridal make-up</li> </ul>	12 Saturdays	College Certificate



Skills programme	Duration	Certification
<b>Nail Technology</b> <ul style="list-style-type: none"> <li>• Perform nail services</li> <li>• Apply gel nail enhancement</li> <li>• Apply liquid and powder nail enhancement</li> </ul>	12 Saturdays	College Certificate
<b>Project Management</b> <ul style="list-style-type: none"> <li>• Explain the fundamentals of project management</li> <li>• Develop a simple schedule to facilitate effective project execution</li> </ul>	12 Saturdays	College Certificate
<b>End User Computing</b> <ul style="list-style-type: none"> <li>• Word</li> <li>• Excel</li> <li>• PowerPoint</li> <li>• Email and Internet</li> <li>• Access</li> </ul>	18 Saturdays	MICT SETA. Certificate





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**TSHWANE NORTH TVET COLLEGE**  
Technical and Vocational Education and Training College



## CAMPUSES

### Central Office

Switchboard: (012) 401 1600

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Switchboard: (012) 401 1800

#### **Pretoria Campus**

Switchboard: (012) 401 1601

#### **Rosslyn Campus**

Switchboard: (012) 401 1750

#### **Soshanguve North Campus**

Switchboard: (012) 401 1999

#### **Soshanguve South Campus**

Switchboard: (012) 401 1900

#### **Temba Campus**

Switchboard: (012) 401 1700

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