D1 NATIONAL CERTIFICATE (VOCATIONAL) NQF LEVEL 2 - 4

WHAT IS THE NATIONAL CERTIFICATE (VOCATIONAL) [NC(V)] QUALIFICATION?

The NC(V) is the vocational programme offered at Level 2-4 of the National Qualifications Framework (NQF) and is offered by all public TVET Colleges countrywide. The qualification is intended to directly address the priority skills demands of the modern South African economy.

The NC(V) Qualification is designed to provide both theory and practice, thus granting students an opportunity to gain work experience during their period of study. Practical experience may be gained in either a simulated or real workshop environment.

WHICH NC(V) PROGRAMMES ARE OFFERED BY ORBIT COLLEGE?

Engineering-related & ICT Field:

- Engineering and Related Design (Fitting and Turning OR Fabrication OR Automotive Repair and Maintenance)
- Electrical Infrastructure Construction
- Civil Engineering and Building Construction (Carpentry & Roof Work OR Masonry)
- Information Communication Technology and Computer Science

Business-related Field:

- Management
- Finance, Economics and Accounting
- Office Administration

Services-related Field:

- Tourism
- Hospitality (Accommodation, Events and Catering Services)
- Transport and Logistics

PRE-VOCATIONAL LEARNING PROGRAMME (PVLP)

This programme is designed to assist candidates who do not meet the minimum APS score required for entry into the NC(V) Programmes. Candidates are referred to study PVLP in order to improve their subject achievement levels. The period of completion is one year. The programme consists of the following subjects:

- English
- Mathematics
- Science
- Life Skills (including Technology)

CURRICULUM

Each NC(V) Qualification has a total of 7 SUBJECTS per NQF Level

Three of these subjects are called FUNDAMENTAL SUBJECTS, i.e. they are common for all learning fields and are COMPULSORY. The Fundamental Subjects are:

- Life Orientation
- English 1st Additional Language
- Mathematics (Engineering & ICT fields) OR Mathematical Literacy (Business & Services fields)

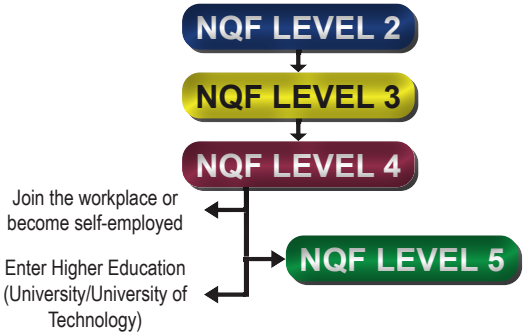
Umalusi recognises the credit transfer between the NSC and the NC(V) in the following subjects:

- English Home Language or FAL (passed at 40% and above)
- Mathematics (passed at 30% and above)
- Mathematical Literacy (passed at 30% and above)
- Physical Science (passed at 50% and above)

It is important to note that this concession applies only to the National Senior Certificate (NSC) and NOT to its predecessor, the Senior Certificate (SC)

The other four subjects per NQF level are called VOCATIONAL SUBJECTS and these are aimed at preparing students for the world of work within the field of their choice. A specialisation vocational subject (Elective) forms part of the 4 vocational subjects in some qualifications, allowing a student to specialise in a specific sub-field.

CAREER PATHING



D1.1

NSC vs NC(V) QUALIFICATION

NATIONAL SENIOR CERTIFICATE (GRADE 12)	NQF LEVEL 4	NATIONAL CERTIFICATE (VOCATIONAL)

The National Senior Certificate and the National Certificate (Vocational) are registered on the same NQF Level (NQF L4), but serve different purposes

PURPOSE OF QUALIFICATION

- Equip learners with skills, knowledge and values for self-fulfillment and meaningful participation in society
- Facilitate transition to the workplace
- Provide access to further education

- Equip learners with practical skills, applied competence and knowledge required for employment in a particular occupation or trade
- Facilitate transition to the workplace
- Provide access to further education

YEARS TO COMPLETE

- Grade 10
- Grade 11
- Grade 12

Each grade takes minimum one year

- NC(V) Level 2
- NC(V) Level 3
- NC(V) Level 4

Each level takes minimum one year

TO OBTAIN THE QUALIFICATION

Register for 7 subjects:

- Home Language
- First Additional Language
- Maths/Maths Literacy
- Life Orientation
- 3 subjects chosen from 1 of the 12 organising fields of learning including Agriculture, Services and Human and Social Studies

Register for 7 subjects:

- 1 Official language
- Life Orientation
- Maths/Maths Literacy
- 4 subjects chosen from 1 of the 19 learning programmes including Engineering, Finance, IT, Tourism, etc

PASS REQUIREMENTS

- To obtain the qualification one must pass at least 6 subjects

40% minimum in 3 subjects including Home Language

30% minimum in 3 subjects

- To obtain the qualification one must pass 7 subjects

40% in required official language

40% in Life Orientation

30% minimum in Maths/ Maths Literacy

50% minimum in each of 4 vocational subjects

WHERE IT IS OFFERED

Public Schools or Independent Schools accredited by Umalusi

Public or Private Technical and Vocational Education and Training (TVET) colleges accredited by Umalusi

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D1.2 ENGINEERING-RELATED & ICT PROGRAMMES

YEAR PROGRAMMES					
	SUBJECTS			CAMPUS	Possible Career Opportunities
PROGRAMME	LEVEL 2	LEVEL 3	LEVEL 4		
FUNDAMENTAL SUBJECTS	The following subjects are compulsory for each level and applicable in all NC(V) Engineering-related & ICT Programmes: • English 1st Additional Language • Mathematics • Life Orientation				
VOCATIONAL SUBJECTS					
ENGNEERING & RELATED DESIGN (Fitting & Turning/ Fabrication/ Automotive Repair & Maintenance) NQF Level 2 – 4	• Engineering Fundamentals • Engineering Technology • Engineering Systems • Fitting & Turning OR • Engineering Fabrication (Boilermaking) OR • Automotive Repair & Maintenance	• Engineering Practice & Maintenance • Materials Technology • Engineering Graphics & Design (CAD) • Fitting & Turning OR • Engineering Fabrication (Boilermaking) OR • Automotive Repair & Maintenance	• Engineering Process • Professional Engineering Practice • Applied Engineering Technology • Fitting & Turning OR • Engineering Fabrication (Boilermaking) OR • Automotive Repair & Maintenance	M B Automotive Repair and Maintenance option only available at Mankwe Campus	• Aerospace Engineering • Mining Metallurgy • Geology • Industrial Engineering • Chemical Engineering • Petroleum Engineering • Engineering & Related Design
ELECTRICAL INFRASTRUCTURE CONSTRUCTION NQF Level 2 – 4	• Electrical Principles & Practice • Electronic Control & Digital Electronics • Workshop Practice • Electrical Systems & Construction	• Electrical Principles & Practice • Electronic Control & Digital Electronics • Electrical Systems & Construction • Electrical Workmanship	• Electrical Principles & Practice • Electronic Control & Digital Electronics • Electrical Workmanship • Electrical Systems & Construction	B M R	• Electrical Engineering • Digital Electronics • Theatre Technology • Electrician • Instrumentation • Sound Technology
CIVIL ENGINEERING & BUILDING CONSTRUCTION (Masonry/Carpentry & Roofwork) NQF Level 2 – 4	• Construction Planning • Plant & Equipment • Materials • Carpentry & Roof Work OR • Masonry	• Construction Planning • Plant & Equipment • Materials • Carpentry & Roof Work OR • Masonry	• Construction Planning • Construction Supervision • Materials • Carpentry & Roof Work OR • Masonry	B	• Architectural Technology • Quantity Surveying • Building Construction • Industrial Designing • Town Regional Planning • Sanitation Engineering • Plumber • Carpenter
INFORMATION COMMUNICATION TECHNOLOGY AND COMPUTER SCIENCE NQF Level 2 -4	• Electronics • Introduction to Systems Development • Introduction to Information Systems • Multimedia Basics OR • Electronic Control and Digital Electronics	• Systems Analysis and Design • Computer Hardware and Software • Principles of Computer Programming • Multimedia Content OR Electronic Control and Digital electronics	• Systems Analysis and Design • Data Communication & Networking • Computer Programming • Multimedia Services OR Electronic Control and Digital Electronics	R	• Computer Programming • Computers Systems • Engineering • Information Technology • Management • Data Processing
ADMISSION REQUIREMENTS	• Minimum Grade 9 year-end report (Must have passed Mathematics, NOT Mathematical Literacy) • An NQF Level 1 Qualification • All entry applicants must adhere to placement assessment criteria before admission	• NQF Level 2 in the specific programme	• NQF Level 3 in the specific programme	**The College reserves the right to:** • Only offer programmes that are justified by student numbers • Change the location/ venue of the programme offering	
DURATION	1 Year	1 Year	1 Year		

These programmes allow you the option of becoming an artisan after you have completed your trade test

B = BRITS M = MANKWE R = RUSTENBURG



D1.3 BUSINESS-RELATED PROGRAMMES

YEAR PROGRAMMES					
	SUBJECTS			CAMPUS	Possible Career Opportunities
PROGRAMME	LEVEL 2	LEVEL 3	LEVEL 4		
FUNDAMENTAL SUBJECTS	The following subjects are compulsory for each level and applicable in all NC(V) Business-related Programmes: • English 1st Additional Language • Mathematical Literacy • Life Orientation				
VOCATIONAL SUBJECTS					
FINANCE, ECONOMICS & ACCOUNTING NQF Level 2 – 4	• Economic Environment • New Venture Creation • Applied Accounting • Financial Management	• Economic Environment • New Venture Creation • Applied Accounting • Financial Management	• Economic Environment • New Venture Creation • Applied Accounting • Financial Management	B R	• Banking • Insurance Services • Private and Public Accounting • Financial Services • Investment Broking • Bookkeeping
MANAGEMENT NQF Level 2 – 4	• Financial Management • Management Practice • Operations Management • Entrepreneurship	• Financial Management • Management Practice • Operations Management • Project Management	• Financial Management • Management Practice • Operations Management • Project Management	B	• Human Resource Management • Entrepreneurship & Project Management • Management Practice • Financial Management
OFFICE ADMINISTRATION NQF Level 2 – 4	• Business Practice • Office Practice • Office Data Processing • New Venture Creation	• Business Practice • Office Practice • Office Data Processing • New Venture Creation	• Business Practice • Office Practice • Office Data Processing • Personal Assistance	B M R	• Accounting and Bookkeeping • Frontline Reception • Human Resource Management • Recruitment or Employment Agent • Office Management • Personnel Management • Legal Secretarial Services
ADMISSION REQUIREMENTS	• Minimum Grade 9 year-end report • An NQF Level 1 Qualification • All entry applicants must adhere to placement assessment criteria before admission	• NQF Level 2 in the specific programme	• NQF Level 3 in the specific programme	**The College reserves the right to:** • Only offer programmes that are justified by student numbers • Change the location/ venue of the programme offering	
DURATION	1 Year	1 Year	1 Year		

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D1.4 SERVICES-RELATED PROGRAMMES

YEAR PROGRAMMES					
	SUBJECTS			CAMPUS	Possible Career Opportunities
PROGRAMME	LEVEL 2	LEVEL 3	LEVEL 4		
FUNDAMENTAL SUBJECTS	The following subjects are compulsory for each level and applicable in all NC(V) Services-related Programmes: • English 1st Additional Language • Mathematical Literacy • Life Orientation				
VOCATIONAL SUBJECTS					
TRANSPORT & LOGISTICS NQF Level 2 – 4	• Freight Logistics • Transport Economics • Transport Operations • New Venture Creation	• Freight Logistics • Transport Economics • Transport Operations • New Venture Creation	• Freight Logistics • Transport Economics • Transport Operations • New Venture Creation	M	• Transport Systems Administration • Logistical Control • Transport Management • Logistics Management
TOURISM NQF Level 2 – 4	• Client Service and Human Relations • Science of Tourism • Sustainable Tourism in South Africa • Tourism Operations	• Client Service and Human Relations • Science of Tourism • Sustainable Tourism in South Africa • Tourism Operations	• Client Service and Human Relations • Science of Tourism • Sustainable Tourism in South Africa • Tourism Operations	M	• Accommodation Management • Conference & Events Planning • Restaurant & Food Services • Tourism Development • Game Range and Safari Work • Transportation Management
HOSPITALITY (Accommodation, Catering & Event Services) NQF Level 2 – 4	• Client Service and Human Relations • Food Preparation • Hospitality Generics • Hospitality Services	• Client Service and Human Relations • Food Preparation • Hospitality Generics • Hospitality Services	• Client Service and Human Relations • Food Preparation • Hospitality Generics • Hospitality Services	M	• Food & Beverage Management • Hotel Management • Accommodation Services • Events Management • Housekeeping
ADMISSION REQUIREMENTS	• Minimum Grade 9 year-end report • An NQF Level 1 Qualification • All entry applicants must adhere to placement assessment criteria before admission	• NQF Level 2 in the specific programme	• NQF Level 3 in the specific programme	**The College reserves the right to:** • Only offer programmes that are justified by student numbers • Change the location/ venue of the programme offering	
DURATION	1 Year	1 Year	1 Year		

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D1.5 NC(V) PASS REQUIREMENTS & HIGHER EDUCATION MOBILITY

WHAT ARE THE PASS REQUIREMENTS FOR NC(V) NQF LEVEL 2 – 4

In order to progress to the next NQF Level students have to pass all SEVEN subjects. Once all 21 subjects have been passed successfully the NC(V) Qualification is obtained.

The pass rate requirement for the four vocational subjects is 50% per subject

The pass requirement for the fundamental subjects is as follows:

- Life Orientation 40%
- English 1st Additional Language 40%
- Mathematics/Mathematical Literacy 30%

Only one fundamental subject may be condoned for a maximum of 5%. No condonement is allowed for Vocational subjects. (T's & C's apply)
Should the student fail, he/she may be required to repeat the failed subject to obtain valid Internal Continuous Assessment (ICASS) marks.

HOW ARE ASSESSMENTS AND EXAMINATIONS CONDUCTED FOR THE NC(V) QUALIFICATION?

The final pass mark is compiled by ICASS, Integrated Summative Assessment (ISAT) and External Examinations marks.

Internal Assessment is conducted on a continuous basis while the External Examination is written in November every year. The practical assessment is conducted during the year in one sitting during September/October.

INTERNAL CONTINUOUS ASSESSMENT (ICASS)

The Internal Assessment comprises the following:

- 6 Assessment tasks consisting of 3 written tests, assignments and research/practical projects
- 1 Internal Examination

All of the above are contained in a Portfolio of Evidence (PoE) which counts as follows towards the final pass mark:

- Fundamental Subjects : 25% of the final mark
- Vocational Subjects : 50% of the final mark

INTERNAL SUMMATIVE ASSESSMENT (ISAT)

The internal assessment comprises:

- One practical assessment for the three core subjects
- One practical assessment for the elective subject

EXTERNAL EXAMINATION

A National External Examination is set by the Directorate: Examinations & Assessment of the DHET. The same examination paper for a particular subject is written by all students on the same day. This sets national standards for assessments and achievement.

The External Examination counts as follows towards the final pass mark:

Fundamental Subjects
Integrated Continuous Assessment (ICASS) POE: 25% + National Examination: 75% = Pass Mark

Vocational Subjects
National Examination: Theory 70% + Integrated Summative Assessment Tasks (ISAT): Practical: 30% + (ICASS) POE: 50% = Pass Mark

CAN I JOIN A HIGHER EDUCATIONAL INSTITUTION (HEI) HAVING OBTAINED AN NC(V) QUALIFICATION?

Specific requirements must be met in accordance with the Government Gazette no. 32745 for portability into Higher Education for specific NC(V) programmes:

Guidelines for admission to undergraduate programmes:
The table below explains what you will need to achieve in order to meet the minimum statutory requirements for each type of qualification. It is important to note that the table below refers to the minimum requirements

QUALIFICATION	MINIMUM ENTRY REQUIREMENTS
HIGHER CERTIFICATE	• Must meet NC(V) level 4 statutory requirements • 40% in either home language or first additional language but one must be LOTL • 30% in either Maths or Maths Literacy • 40% in Life Orientation • 50% in the four other vocational subjects • Submit a record of evidence for any subject failed
DIPLOMA	• Must meet NC(V) level 4 statutory requirements • 50% in three fundamental subjects including LOTL • 60% in three compulsory vocational modules
BACHELOR'S DEGREE	• Must meet NC(V) level 4 statutory requirements • 60% in three fundamental subjects including LOTL • 70% in four compulsory vocational modules

Additional requirements:

- Applicants will only be considered for similar qualifications
- Programme specific subjects requirements must be met