

Further Education and Training Colleges

National Certificate (Vocational) and Report 190/191

Report on the Conduct of National Examinations 2009







higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

Further Education and Training Colleges

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30 December 2009





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FOREWORD BY THE MINISTER OF HIGHER EDUCATION AND TRAINING



It is with great pleasure that I present the Department of Higher Education and Training's annual report on the 2009 national examinations in the FET college sector in South Africa.

The FET college sector has grown and matured over the past 15 years in offering vocational education and training opportunities. Over the years FET colleges have emerged as a vital part of the coordinated skills development strategy for South Africa. One of the core goals of the college sector is to increase the number of young people and adults accessing continuing education in a way that supports skills development and our long term goal of lifelong learning and development for all. It is our intention to establish FET colleges as institutions of choice and to ensure that the college qualifications translate into work placements.

A new qualification, namely the National Certificate (Vocational) was introduced to the college sector at the start of 2007. This new qualification is currently offered alongside the Report 190/1 N programmes at colleges and provides post-school vocational training. Where the Report 190/1 programmes accommodate those already in employed in the workplace and support the training of apprentices, the National Certificate (Vocational) targets those who are not yet employed by providing them with a vocational training opportunity pitched at Levels 2, 3 and 4 on the National Qualifications Framework. This year is significant in that this is the first year that the National Certificate (Vocational) was offered on NQF Level 4.

I thank all the officials, stakeholders and roleplayers and acknowledge their contributions in making a success of the college sector. It is clear that we have a great deal of work to do together to achieve the goals of access to quality education and training that our young people seek, and deserve.

A Bina de

Dr BE NZIMANDE, MP
MINISTER OF HIGHER EDUCATION
AND TRAINING
30 DECEMBER 2009





1. INTRODUCTION

1.1 BACKGROUND

The programmes currently offered at FET Colleges have been designed to be responsive to the skills development needs of South Africa. The Report 190/191 programmes cater primarily for those already employed and complement the various apprenticeship initiatives of industry. The National Certificate (Vocational) now constitutes the backbone of all FET College programmes. where core of these programmes is based on the coming together of the once separate theoretical and practical workplace components.

In addition, the NC (V) requirement that all students offer a Language, Life Orientation (includes a business computing component) and Mathematics or Mathematical Literacy over and above their four (4) vocational subjects per NQF level aims to ensure that all students are prepared for life and work in an increasingly technological, numerical and information-driven world.

1.2 PURPOSE OF THIS REPORT

The purpose of this technical report on the 2009 FET College examinations is to provide relevant data to trainers, curriculum planners, policy analysts, college lecturers, panels of examiners and moderators, the external quality assurors and stakeholders. Intervention strategies in this sector should be based on this report. Additional information for researchers and analysts will be available on request.

1.3 POLICY FRAMEWORK

The following policy frameworks inform the conduct, administration and management of internal and external assessment at FET Colleges:

- 1) Regulations pertaining to the National Policy Relating to the Examination of Formal Technical College Instruction Programmes as promulgated in Government Gazette 22760 of 26 October 2001 for Report 190/1 programmes.
- National Policy on the Conduct, Administration and Management of the Assessment of the National Certificates (Vocational) as promulgated in Government Gazette 30287 of 12 September 2007 for NC (V) programmes.
- 3) Policy for the National Certificates (Vocational): Qualifications at Levels 2 to 4 on the National Qualifications Framework (NQF) as promulgated in Government Gazette 28677 of 29 March 2006.
- 4) Department of Education, National Certificates (Vocational) Subject Guidelines.
- 5) Department of Education, National Certificates (Vocational) Assessment Guidelines.
- 6) Minimum Admission Requirements for Higher Certificate, Diploma and Degree Programmes requiring a National Certificate (Vocational) at Level 4 of the National Qualification Framework as promulgated in Government Gazette 32743 of 26 November 2009.





2. INSTRUCTIONAL PROGRAMMES OFFERED AT FET COLLEGES

The following instructional programme categories are offered by FET Colleges:

- National N Certificates: N2-N6
- National Integrated Certificate
- National Intermediate Certificate
- National Senior Certificate
- National N Diplomas
- Non-National Certificates
- National Certificate (Vocational) Level 2-4

The following instructional offerings are offered

Theoretical instructional offerings

The aim of theoretical instructional offerings is to teach the required theoretical knowledge which underlies the future occupation for which the student is being prepared. The focus of these offerings is to support the apprenticeship pathway.

Practical instructional offerings

In some of the instructional offerings the emphasis is primarily on practical or manual skills.

Combination of both theoretical and practical offerings

This is of particular reference to the NC (V) where both the theoretical and practical aspects of vocational subjects are combined in a year-long course per level and both feature strongly in the teaching, learning and assessment process.

2.1 NOF LEVELS OF INSTRUCTIONAL OFFERINGS

Programmes at FET Colleges are classified according to National Qualification Framework (NQF) levels for the purpose of submitting information as required by the South African Qualifications Authority (SAQA). The NQF levels are as follows:

2.1.1 NOF LEVEL 2

All instructional offerings at a level usually associated with Grade 10 or N1. The National Certificate (Vocational) Level 2 qualification has been added to this level.

2.1.2 NOF LEVEL 3

All instructional offerings at a level usually associated with Grade 11 or N2. The National Certificate (Vocational) Level 3 qualification has been added to this level.

2.1.3 NOF LEVEL 4

All instructional offerings at a level usually associated with Grade 12 or N3. The National Certificate (Vocational) Level 4 qualification has been added to this level.

2.1.4 NOF LEVEL 5

All instructional offerings at a level usually associated with the first year after Grade 12. These are the N4, N5 and N6 programmes.

2.1.5 NOF LEVEL 6

All instructional offerings at a level usually associated with the third year after Grade 12. The National N Diploma is issued to a student after a minimum of three years. The student must comply with the requirements on NQF level 5, including a prescribed period of experiential training.

2.2 REQUIREMENTS FOR NATIONAL INSTRUCTIONAL PROGRAMMES

2.2.1 PROMOTION REQUIREMENTS

Unless otherwise indicated in the instructional programme concerned, a candidate must obtain at least 40 percent in the combination of the term mark and the examination mark in a ratio of 40:60, in order to pass a Report 190/1 instructional offering.

A candidate must achieve at least 50 percent in the vocational subjects offered in the NC (V) to pass the subject.

Special requirements with regard to the passing of, for example, the practicals of specific instructional offerings, are not affected, or where specific requirements are set by industry.

2.2.2 CERTIFICATION REQUIREMENTS

(a) National N Certificates: Natural Sciences Studies (Engineering)

Passes in a minimum of THREE instructional offerings or as specified for the particular national instructional programme. Registered apprentices must offer a fourth instructional offering.

The candidate has the option to apply for a National Certificate with three instructional offerings; alternatively a National Certificate with four instructional offerings will be issued to qualifying candidates.

(b) National N Diplomas

A pass in a minimum of TWELVE instructional offerings at N4-N6 levels and a minimum period of applicable experience as required for the specific National Diploma. Proof of such experience must be submitted.

(c) Business Studies

Four instructional offerings as prescribed in the applicable instructional programme.

On the N2 and N3 levels, certificates are issued to candidates for the broad vocational fields Arts, Utility Industries and Social Services who have passed four instructional offerings from a specific prescribed instructional programme, excluding Sake Afrikaans (First or Second Language level) and Business English (First, or Second Language level). In the case of the broad vocational field N2 and N3 Business Studies, Sake Afrikaans (First or Second Language level) or Business English (First or Second Language level) must be one of the four instructional offerings. However, in programmes with a compulsory language requirement, one of the required languages must be at First Language level, and the other one on either First or Second Language level.

(d) National Intermediate and National Senior Certificates

National Intermediate and National Senior Certificates will be issued to candidates who offer and write examinations in not fewer than six instructional offerings, provided that the required two languages are offered. Five instructional offerings are prescribed in the applicable instructional programme, including the two required languages must be passed.

(e) National Certificate (Vocational)

The minimum duration of a National Certificate (Vocational) is one full year at each of the NQF levels of study, that is Level 2, Level 3 and Level 4. The previous level must have been successfully completed before a candidate can proceed to the next level.

For a candidate to obtain a NC (V) certificate he/she must:

- (a) Complete the programme requirements for the particular NQF level and obtain the distinct outcomes for that particular level; and
- (b) Comply with the internal and external assessment requirements for all subject offerings for that particular NQF level;
- (c) Achieve 40% in two fundamental (compulsory) subjects: the required official language and Life Orientation;
- (d) Achieve 30% in Mathematics or Mathematical Literacy; and
- (e) Achieve 50% in all four vocational subjects.

2.3 NATIONAL CERTIFICATE (VOCATIONAL)

The NC (V) offers programmes of study in a variety of vocational fields. The programmes are intended to respond directly to the priority skills demands of the modern South African economy by exposing students to high skills and knowledge. The practical component of study may be offered in the workplace or in a simulated workplace environment allowing students the opportunity to experience work situations during the period of study.

The year 2009 marks the first year of the NC (V) Level 4 examination. To qualify for entry into the NC (V) a candidate has to have successfully completed at least Grade 9 but preferably higher, be in possession of an NQF Level 1 qualification, be attending an approved bridging programme designed to access NQF Level 2 or meet the basic requirements for access to NQF Level 2 during a Recognition of Prior Learning (RPL) assessment. The duration of the NC (V) is one full year per level, with each level serving as an exit level.

It is important to note that the credits obtained in the NC(V) cannot be combined with credits that a candidate obtained in a Senior Certificate Examination or a National Certificate (N courses for colleges).

2.3.1 STRUCTURE OF THE QUALIFICATION

The following structure and combination of subjects is applicable at every level of study of the NC (V), that is Levels 2, 3 and 4:

THREE COMPULSORY SUBJECTS

- Language: One of the official South African languages which is also the language of teaching and learning
- Mathematics or Mathematical Literacy
- Life Orientation

AND

FOUR VOCATIONAL SUBJECTS

- Three vocational subjects
- ♦ One optional vocational subject offered from the same or a different programme

The NC (V) programmes currently on offer along with the vocational activities and career opportunities each provides are provided in the table below:

PROGRAMME	VOCATIONAL ACTIVITIES	CAREER OPPORTUNITIES
Civil Engineering & Building Construction	 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 structures, etc. 	 Architectural Technology Drainage Inspection Industrial Designing Quantity Surveying Town and Regional planning Sanitation and Reticulation Road Construction Engineering Building Construction
Education and Development	 Work in the education sector; e.g. schools and early development centres; crèches, etc. Work in hospitals, nursing homes, hospices and community centres Provide services in private homes, e.g. au pair, child-minding, etc. 	 Teacher Aide assisting professional educators Community education aide assisting professionals in the field Early Childhood Care and Development Aide in community institutions and private homes Corporate care centres (in-house) Special needs learning centres

PROGRAMME	VOCATIONAL ACTIVITIES	CAREER OPPORTUNITIES
Electrical Infrastructure Construction	 Work at a power station Work as an electrician at an energy producing company or power plant Work as an electrical technician at a telecommunications company Work at a recording studio as an electrical technician Work at a performance theatre as a technician 	 Electrical Engineering Industrial Engineering Sound Technology Theatre Technology Process Level Control Digital Electronics Instrumentation
Engineering and Related Design	 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 	 Chemical Engineering Civil Engineering Coal Technology Geology Mechanical Engineering Metallurgical Engineering Mining Metallurgy Petroleum Engineering Car Manufacturing Architectural Technology Welding Tool Making Building Management Automotive Repairing Motor Mechanics Panel Beating Refrigeration Air-Conditioning
Finance, Economics & Accounting	 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. 	 Private and public accounting Banking Financial Services Insurance Services Investment Services Bookkeeping
Hospitality	 Manage a guest house Deal with client services in an accommodation facility Work as assistant cook/chef preparing food in a restaurant, hotel, or guest house Work as waitron Work as a housekeeper in a hotel/inn/guesthouse 	 Housekeeping Food and Beverage Management Hotel Management Accommodation Services Events management
Information Technology and Computer Science	 Test programmes and software applications Write computer programmes Install network cables for computer systems Process computer data Develop, research and document computer user requirements 	 Computer programming Information Technology Management Computer Systems Engineering Data processing
Management	 Assist with communication management in organisations Participate in Human Resources Management structures in organisations Manage productivity within an organisation 	 Human Resources Marketing Finance Management Public Relations Production Office Administration

PROGRAMME	VOCATIONAL ACTIVITIES	CAREER OPPORTUNITIES
Marketing	 Market new products Sell goods and services Research needs of consumers and develop products Determine pricing, sales, promotions and distribution Guide consumers on products and brands Advertise and promote new products 	 Marketing Business Management Promotions and Advertising Market Research Product Development Public Relations Merchandising Sales Management Brand Management Customer Relations
Mechatronics	 Explain various fundamental theories and principles of operations and control that make up mechatronic systems; Assemble mechatronic systems; Test the operation of and commission mechatronic systems; Operate mechatronic systems; Do fault finding and rectify problems; Perform maintenance work according to correct procedures; Use hand tools and operate machine tools to produce components for maintenance and repair purposes 	 Mechanical Engineering Electrical Engineering Pneumatics Hydraulic Robotics Programmable Logic Control (PLC) Computer Numeric Control (CNC) Industrial Information Technology Welding
Office Administration	 Coordinate office correspondence Type letters, reports, memoranda, agendas, minutes Maintain equipment and stationery supplies Perform reception duties Coordinate and organize functions Organise meetings, staff travel itineraries and accommodation Operate office equipment Become a call centre operator 	 Accounting and Bookkeeping Office Management Office Administration Freight Forwarder Human Resource Management Personnel Management Private Secretary Front Line Reception Recruitment or Employment Agent Self Employment Legal Secretarial Services Personal and General Secretarial Services
Primary Agriculture	 Advise farmers on farming techniques/methods Work at a nursery, botanical garden, etc. Work at a company, advising farmers on management of finances Advise farmers on marketing, advertising and selling agricultural products Plan plant and animal production Work on a farm 	 Agricultural science Farm management Forestry Botany Horticulture Food technology Food Science Viticulture

PROGRAMME	VOCATIONAL ACTIVITIES	CAREER OPPORTUNITIES
Safety in Society	 Join the policing services e.g. South African Police Services (SAPS), Metropolitan Agencies (Metro Police), Traffic Agencies and the Military Police Division Join the Private Security Services e.g. Security Management, Community policing Join the National Statutory Intelligence Agencies 	 South African Police Services (SAPS) Security and surveillance Private security Community policing Metro policing National intelligence Legal assistance Community development Correctional services South African National Defence Force Immigration and customs Civil and human rights related work Criminal justice work and matters related to advocacy of the South African Constitution
Tourism	 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 tours of South Africa and SADC 	 Accommodation management Conference and event planning Restaurant and food services Tourism development Transportation management Travel counselling Game ranging and safari work

2.3.2 MINIMUM REQUIREMENTS FOR ADMISSION TO HIGHER EDUCATION

The recently gazetted policy setting out the minimum requirements for entry to higher education is an exciting development on the college landscape. Minimum Higher Education Admission requirements in accordance with the 3 levels of undergraduate programmes are as follows: Higher certificate; Diploma; Bachelor's degree. Subject to institutional admission requirements, the minimum admission requirements to the three higher education instructional programmes are as follows:

(a) Higher Certificate

A National Certificate (Vocational) Level 4 and compliance with the requirements for the language of learning and teaching in the higher education institution.

(b) Diploma

A National Certificate (Vocational) Level 4. In addition, a student must have achieved at least 50% in three fundamental subjects including the language of learning and teaching in the higher education institution and at least 60% in three vocational subjects.

(c) Bachelor's Degree

A National Certificate (Vocational) Level 4. In addition, a student must have achieved at least 60% in three fundamental subjects including the language of learning and teaching in the higher education institution and at least 70% in the four vocational subjects chosen for the NC (V) Level 4.





3. INTERVENTIONS IMPLEMENTED DURING 2009

The NC (V) Level 4 examination was written for the first time in 2009.

Interventions were mainly curricular in nature and focused primarily on lecturer training and the provision of subject-specific study material to students.

3.1 CURRICULAR INTERVENTIONS

The year 2009 was dedicated to enhancing student support through specified student support centres. These are detailed in the student support framework and manual.

The following was undertaken by the Department to support the teaching and learning process in 2009:

(a) Development and distribution of workbooks for Mathematics and Mathematical Literacy

Books were distributed to Colleges, accompanied by lecturer training workshops.

(b) Development and distribution of students' and lecturers' notes

These provided practical exercises and application for the NC (V) subject "Computer Programming" in the programme "Information Technology and Computer Science" at Level 3 and 4. These were distributed to FET Colleges in May 2009. Target: lecturers and students at all 50 public FET colleges.

(c) Lecturer training

Training was undertaken to support FET College lecturers to implement NC (V) subjects for the first time. Training sessions were offered in the following subjects:

- Mathematics and Mathematical Literacy
- Education and Development Levels 2 and 3 November 2009 for all FET Colleges implementing this programme.
- Mechatronics Level 3 November 2009 for all FET Colleges implementing this programme.
- Safety in Society Levels 2, 3 and 4 January 2010 for all FET Colleges implementing this programme.

Apart from nationally coordinated workshops for lecturer training, public FET colleges also undertook additional lecturer training where needed to implement NC (V) subjects. Target: lecturers at all 50 public FET colleges.

(d) Curriculum guidelines

The Department of Education has a feedback system in place where difficulties in implementing the Subject Guidelines and Assessment Guidelines are reported and acted upon to assist with the initial implementation of NC (V) programmes. Target: lecturers at all 50 public FET colleges.

3.2 ASSESSMENT INTERVENTIONS

The following was undertaken by the College Examinations Directorate to support the examination process in the national November 2009 examinations:

(a) EXEMPLAR QUESTION PAPERS

Exemplar question papers and accompanying marking guidelines were provided to all colleges for Level 4 NC (V) subjects. Target: lecturers and students at all 50 public FET colleges.

(b) ADDITIONAL SCRUTINY OF QUESTION PAPERS

The College Examinations Directorate made NC (V) question papers available to subject specialists from Higher Education Institutes and other critical friends who were able to provide relevant commentary on the standard of question papers. Where it was necessary to implement recommendations, this was undertaken, with due recognition given to the different levels on which the subjects were written. Target: students at all 50 public FET colleges.

(c) LANGUAGE SIMPLIFICATION

The language of the NC (V) question papers was considered. This facilitated making the question paper accessible to the students, given the fact that most of the students are Second Language speakers and the question papers are not set in their Home Language. The fundamental subjects on Level 2, 3 and 4 received special attention.

4. STRUCTURE AND COMPONENTS OF ASSESSMENT

The NC (V) comprises an internal and an external assessment component.

4.1 INTERNAL ASSESSMENT

All NC (V) candidates are expected to complete and submit the prescribed number of site-based assessment tasks as stipulated in the Subject and Assessment subjects for each of the seven subjects offered during an academic year. Internal Continuous Assessment (ICASS) is set, administered and assessed internally at college level and is subject to both internal and external moderation from the Department and Umalusi respectively. ICASS constitutes a compulsory component of the final promotion mark for all students offering the NC (V).

(a) Fundamental Subjects

Internal Continuous Assessment includes the following requirements for the fundamental subjects:

- A Portfolio of Evidence containing the internal assessment tasks for all subjects, conducted by the lecturer according to the requirements specified in the Subject Assessment Guidelines for the subjects listed in the National Certificate (Vocational).
- The Internal Continuous Assessment mark allocated to the Portfolio of Evidence has a weighting of 25%.

(b) Vocational Subjects

Internal Continuous Assessment includes the following requirements for the vocational component:

- A Portfolio of Evidence containing the internal assessment tasks of all subjects, conducted by the lecturer according to the minimum requirements specified in the Subject Assessment Guidelines.
- The Internal Continuous Assessment mark allocated to the portfolio of evidence has a weighting of 50%.

4.2 EXTERNAL ASSESSMENT

External assessment comprises a written examination and an Integrated Summative Assessment Task (ISAT) across all vocational subjects and a written examination for the fundamental subjects. The written examination mark and the Integrated Summative Assessment Task mark have a combined weighting of 50% for vocational subjects, while the written examination accounts for a weighting of 75% across fundamental subjects.

(a) Integrated Summative Assessment Task (ISAT)

The weighting allocated to the ISAT is 30% of the external assessment mark. The Integrated Summative Assessment Task (ISAT) is only applicable to vocational subjects and is a practical assessment task that tests the student's cumulative skills and knowledge achieved throughout the year. The task requires integrated application of competencies and the student's performance is evaluated through direct and systematic observation.

All NC (V) candidates are expected to complete and submit two ISATs per year for the particular NQF level being offered, one of which is a programme ISAT combining the three core subjects offered in a programme and the other a subject ISAT which focuses on the optional subject offered by the candidate. ISATs are externally set and moderated and internally administered and assessed. ISATs constitute a compulsory component of the final promotion mark for all students offering the NC (V).

(b) Written examination

A written examination(s) will be conducted for all subjects by the Department according to the requirements as specified in the Subject Assessment Guidelines for the subjects listed in the National Certificate (Vocational).

The weighting allocated to written examinations in fundamental subjects will be 75%, while for fundamental subjects it comprises 35% of the final promotion mark in each vocational subject.

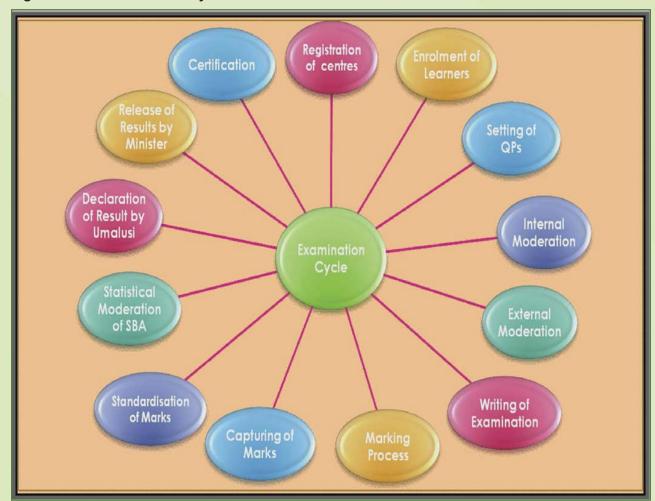
5. FET COLLEGE EXAMINATIONS 2009

5.1 The Examination Cycle

The examination cycle consists of a series of processes in examinations starting with the registration of examination centres and culminating in certification. The Department engages in the different examination processes as depicted in Figure A below to ensure the delivery of a credible examination.

All the examination processes in FET Colleges are conducted in accordance with the Regulations pertaining to the *National Policy Relating to the Examination of Formal Technical College Instruction Programmes* as promulgated in Government Gazette 22760 of 26 October 2001 for Report 190/1 programmes and the *National Policy on the Conduct, Administration and Management of the Assessment of the National Certificates (Vocational)* as promulgated in Government Gazette 30287 of 12 September 2007 for NC (V) programmes.

Figure A: The Examination Cycle



5.1.1 REGISTRATION OF CENTRES

The Department accredits and registers examination centres in accordance with the guidelines stipulated in the Government Gazette No. 22760 of 26 October 2001. While the FET College examinations are offered at examination centres situated in all nine provinces, the examination centres are accredited, registered and audited by the national Department in line with the National Policy on the Conduct, Administration and Management of the Assessment of the National Certificate (Vocational) dated 12 September 2007. The Department has recently established a unit, which deals exclusively with the auditing, accreditation and registration of examination centres to ensure proper registration and conduct of national examinations at examination centres.

All public colleges offering Report 190/1 and/or NC (V) programmes are audited on a periodic basis to ensure their suitability as examination centres. Private colleges wanting to offer FET College programmes are first inspected, evaluated and accredited by Umalusi to offer college programmes and then inspected and accredited by the Department, before being granted examination centre status. In the event the examination centre is physically relocated from premises approved by the assessment body, such an examination centre is deregistered and after the Department has satisfied itself that the new examination centre meets the requirements, the centre is re- registered. The Department is required to ensure that all centres satisfy the requirements to serve as examination centres.

The Department of Education currently runs examination centres inside and outside of South Africa's borders. This is premised on two prescripts; as a response on the South African Constitution imperative of extending access to education as part of redress and also as part of the SADC protocol on sharing development initiatives. The current number of operational accredited examination centres conducting national FET College examinations is as follows:

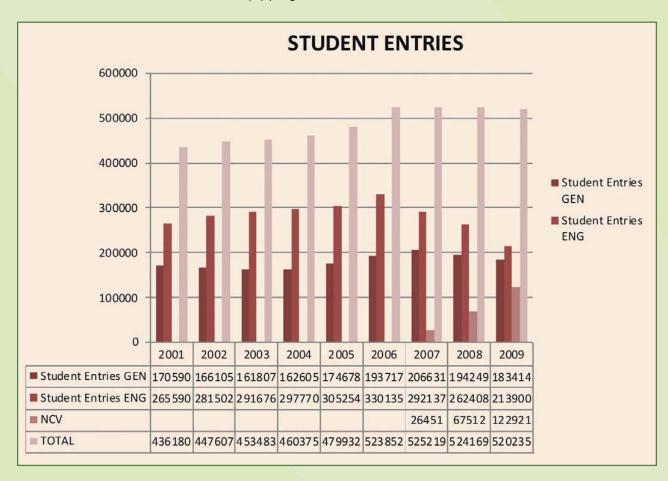
•	International centres	_	80
•	Campuses linked to Public FET Colleges	-	275
•	Private FET Colleges	-	46
•	Public Technical Schools	-	02
•	Correctional Services	_	22

5.1.2 ENROLMENT OF NATIONAL AND INTERNATIONAL STUDENTS

A total of 278 176 students enrolled for 604 subjects during FET College examinations in 2009. These students wrote at 353 examination centres across South Africa, inclusive of the following foreign examination centres:

- 1. U-TECH TECHNICAL&COMMERCIAL HIGH SCHOOL in Swaziland
- 2. NAMIBIAN INSTITUTE OF MINING &TECHNOLOGY in Namibia
- 3. PIONIER BOYS SCHOOL in Namibia
- 4. KEETMANSHOOP PRIVATE SCHOOL in Namibia
- 5. SOUTH AFRICAN EMBASSY IN BERLIN in Germany
- 6. S.A.EMBASSY IN SAUDI ARABIA (RIYADH) in Saudi Arabia

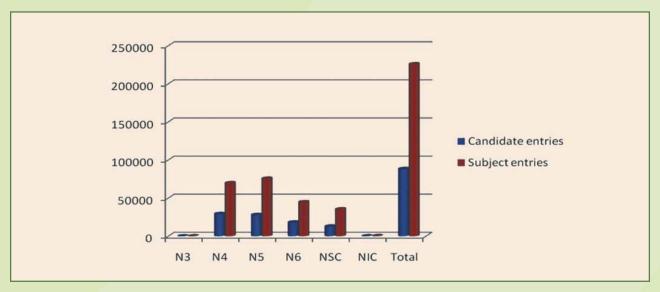
The Department of Higher Education and Training offers examination opportunities for every South African at home and abroad. The table below indicates an increase in the number of students from 2001 to 2009 at FET Colleges. From 2007 the student numbers stayed relatively constant due to the phasing out of Report 191 instructional offerings and the introduction of the NC (V) programmes.



(a) GENERAL STUDIES

The programmes enrolled 87 393 candidates who sat for 211 question papers, representing 142 911 instructional offering enrolments. The examination was for Report 190/191: N2 to N6 programmes.

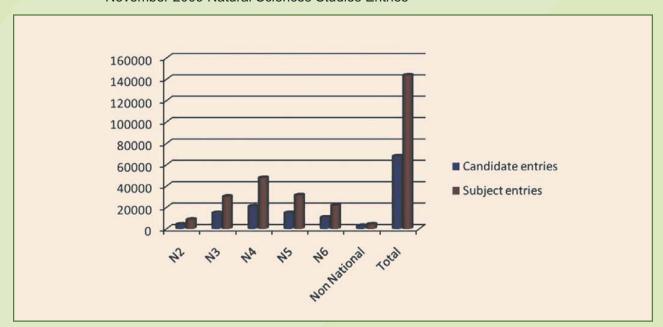
November 2009 General Studies Entries



(b) NATURAL SCIENCES STUDIES

These programs enrolled 71 008 candidates who sat for 184 question papers, representing 155 629 instructional offerings enrolments. The examination was for Report 190/191: N2 to N6 programmes.

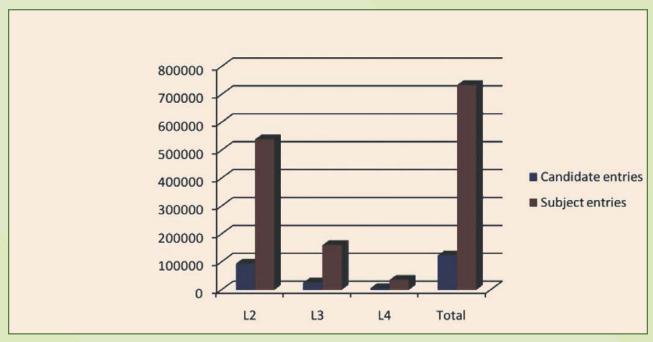
November 2009 Natural Sciences Studies Entries



(c) NATIONAL CERTIFICATE (VOCATIONAL)

This qualification enrolled 93 293 candidates on Level 2, 24 637 candidates on Level 3 and 4 991 candidates on Level 3. The total number of question papers was 209, representing 805 618 subject enrolments on level 2, 232 698 subject enrolments on level 3 and 50 992 subject enrolments on level 4. These examinations were written at 264 examination centres. The examination was for students offering the National Certificate (Vocational), Levels 2-4.

November 2009 NC (V) Entries



The table below provides a breakdown of the number of male and female students offering the NC (V) per Level per province.

Province	Gender	Level 2	Level 3	Level 4
		Wrote	Wrote	Wrote
WESTERN CAPE	Male	4696	1634	404
	Female	3665	1205	352
NORTHERN CAPE	Male	973	429	61
	Female	638	261	43
FREE STATE	Male	1786	492	130
	Female	1483	428	109
EASTERN CAPE	Male	4574	1145	170
	Female	4250	989	164
KWAZULU NATAL	Male	7510	2078	354
	Female	7684	2032	296
MPUMALANGA	Male	2869	1080	181
	Female	3230	1128	208
LIMPOPO	Male	6415	2148	303
	Female	6503	2359	337
GAUTENG	Male	13077	3392	828
	Female	9312	2428	765
NORTH WEST	Male	3596	1067	201
	Female	2993	894	201
TOTAL		85254	25189	5107

5.1.3 SETTING OF QUESTION PAPERS

Examination panels were appointed for all subjects offered in accordance with *National Policy Relating to FET Instructional Programmes, dated 26 October 2001 and the National Policy on the Conduct, Administration and Management of the Assessment of the National Certificate (Vocational)* dated 12 September 2007.

Contracts of confidentiality were signed by all examiners and internal moderators and all officials involved in the conduct of examinations. Strict security measures were maintained during the setting, moderation, printing, packing and delivery of question papers.

Examination panels were assited by comments from lecturers, chief markers and the reports from the 2008 marking guideline discussions and internal moderators' reports from all provinces on the 2008 marking.

A total of 1422 question papers was set, moderated, edited, quality controlled, printed, packed and distributed to examination centres in the 9 provinces, individual South African embassies situated outside South Africa and international centres in Namibia and Swaziland. These question papers were set for Natural Sciences Studies, General Studies and the National Certificate (Vocational).

(a) **DEVELOPMENT**

Panels of examiners developed, evaluated and reviewed question papers for the subjects offered in Natural Sciences Studies, General Studies and the National Certificate (Vocational). The marking guidelines were developed at the same time as the question papers to ensure that all relevant and possible responses were catered for. The setting of these question papers started towards the end of 2008 and concluded in February 2009.

(b) FORMATTING

Formatting is carried out according to a prescribed format which ensures that the layout of the paper is reader-friendly and appropriately spaced and clear for printing.

(c) LANGUAGE EDITING

Editors appointed by the DHET edited all the 2009 question papers for the NC (V) examination. This stage of question paper development adds to the quality of question papers.

(d) TRANSLATION

All question papers were provided in the two official languages of instruction used at FET Colleges, namely English and Afrikaans, with the exception of the two (2) NC(V) isiXhosa question papers set per level.

The translated question papers underwent the same processes as the original question papers in terms of quality assurance so that students are not disadvantaged by the quality of the translation. Furthermore, the absence of a comprehensive dictionary of technical terms containing the Afrikaans translation of these terms as used in the curriculum context poses a serious challenge to the translation of question papers.

(e) TECHNICAL QUALITY CONTROL

Apart from the moderation processes, the DHET engaged in a technical check of the final question paper where each question paper was proofread and the technical details checked and corrected where necessary before submitting the question paper for printing. The final question papers were endorsed by the completion of a checklist to ensure that the papers were error-free and print-ready.

(f) ADAPTATION

Question papers for seven (7) NC (V) subjects were adapted for visually impaired candidates in terms of the national policy on inclusive education.

5.1.4 INTERNAL MODERATION

To ensure validity and reliability of questions, the criteria used to evaluate question papers, namely coverage of the respective curricula and stipulated moderation criteria including cognitive skills, language use, bias and validity were used by an internal moderator in each question paper.

The internal moderators' reports reflect that the FET College question papers for 2009 were of an appropriate level and the language was accessible to students.

5.1.5 EXTERNAL MODERATION

External moderation of selected N3 and NC (V) Level 2-4 question papers was undertaken by moderators appointed by the external quality assuror, Umalusi. They, in turn, requested refinements where necessary and endorsed the question papers set by the examining panels. The reports received from eternal moderation indicate that three years into the offering of the NC (V) there is still room for improvement. Umalusi moderated a total of 88 NC (V) question papers prior to the conduct of the 2009 examination: Level 2-26, Level 3-30 and Level 4-32.

5.1.6 PRINTING, PACKING AND DISTRIBUTION

All FET College question papers were printed, stored and packed in a secure in-house printing facility by staff in the National Examinations, Assessment and Measurement Chief Directorate at the Department. The printing facility is characterised by access control, CCTV cameras and security personnel. The question papers were continuously checked prior to and during the printing and packing processes to ensure the quality of the finished product and accuracy of consignments to be dispatched to FET college examination centres.

The departmental mainframe system which provides the registration details of students was used to determine the number of question papers to be printed per subject and the number of question papers to be packed per examination centre. Each batch of question papers per subject per examination centre was packed and labelled with the details of the centre, subject and number of question papers to facilitate the packing process.

The Department made use of a courier company to deliver all consignments of question papers directly to each examination centre. Campus managers and examination coordinators situated at each FET College campus are responsible for the checking, safe storage and control of question papers on receipt and for the duration of the examination writing period. The control list generated by the Department and included with each consignment of question papers is used to check and control the receipt of question papers. Any discrepancies detected upon delivery were reported directly to Department so that the necessary action could be taken to address the discrepancies.

During 2009 a total of 31 102 400 A4 images were printed for FET College examinations.

5.1.7 WRITING OF EXAMINATION

The FET College time table was implemented according to the management plan for the sections; NC (V), Natural Sciences Studies and General Studies. The total number of subjects per section is:

- ◆ NC (V) 183 subjects/examinations
- Natural Sciences Studies 184 Instructional Offerings/examinations
- ♦ General Studies 182 Instructional Offerings/examinations

5.1.8 MARKING PROCESS

All NC (V) Level 4 scripts were marked at one central venue in a block period commencing with memo discussions on 27 December 2009 and ending on 7 December 2009. The examiner for the subject functioned as the chief marker for the process. Campuses sent all their NC (V) Level 4 scripts directly to the marking centre. Markers were required to mark a maximum of 300 scripts (±50 scripts per day over the 7-day period) to facilitate the timeous capturing of marks.

All NC (V) Level 2 and 3 scripts were marked at college venues. Colleges, together with their campuses determined which venue(s) would be used as a central marking venue(s) for subjects to be centrally marked and which subjects would be retained and marked at the campus itself on condition that no lecturer marked the scripts of his/her own students. Upon completion of marking, a 10 percent sample of scripts was moderated before the scripts and accompanying mark sheets were submitted to the Department for capturing.

(a) STANDARDISATION OF NC (V) MARKING

The standardisation of the NC (V) marking process was conducted in accordance with the Policy on the Conduct, Administration and Management of NC (V) Examination. To ensure that the NC (V) marking system produces mark scores that are valid and reliable, all processes including the appointment of competent markers, training of markers, marking process and moderation of students' scripts, were conducted according to the policy and were monitored by the Department of Higher Education and Training and the External Quality Assurance Council, Umalusi. Two hundred and eleven (211) markers were appointed to mark scripts based on sixty six (66) question papers.

(b) APPOINTMENT OF MARKERS FOR NC (V) LEVEL 4

Vacancies for the marking process were advertised. The applications were verified by the college rectors in collaboration with the subject heads. The DoE officials used the criteria, prescribed by the PAM document, which include experience in teaching NC (V) Level 4, minimum qualifications and experience in marking external examination to appoint suitable markers. The Department of High Education and Training officials appointed chief markers, internal moderators and markers who complied with the criteria set by the PAM document. However, it is recommended in the future that the appointment of these marking officials be staggered so as to ensure that chief markers are involved in the appointment of markers because their views in this process are critical.

(c) STANDARD SETTING AND MARKING GUIDELINE DISCUSSION

Chief markers, internal moderators, external moderators and markers attended the standard setting, marking guideline discussions and the training session respectively. During this process the DoE officials presented quality assurance processes in order to drive quality in the assessment of students' scripts. However, it is recommended that in future pre-marking of 20 scripts should be considered for chief markers and internal moderators before they attend the marking process. This will ensure that chief markers and internal moderators are thoroughly prepared and their inputs on the marking guideline are valuable.

The standard setting exercise was followed by the marking guideline discussion in which markers were taken through the paper and the marking guideline question by question. The engagement during the marking guideline discussion resulted in the refinement of the marking guideline into a reliable measurement instrument. The accuracy of this instrument is critical because it is used to make appropriate assessment decisions that are consistent with the students' abilities.

(d) TRAINING OF MARKERS

In addition to the marking guideline discussion, a training session in which common scripts were marked by markers was conducted. Scripts were copied and distributed to all markers. Discrepancies were identified between chief markers and markers and these were debated until consensus was reached. This debate in the allocation of marks enhanced the process. This training was conducted within fundamental subjects namely, Mathematics paper 1 and paper 2, Mathematical Literacy Paper 1 and Paper 2 and Life Orientation. It is recommended that in 2010 this training be extended to all subjects and that the number of scripts for training be increased to give markers a spectrum of students' performance.

(e) THE MANAGEMENT OF THE MARKING CENTRES

Umbumbulu Campus of Coastal FET College was selected by the DoE for the marking of all NC (V) papers level 4 students' scripts. The NC (V) levels 2 and 3 scripts were marked internally at college level under the oversight of the college head office. The Umbumbulu marking centre complied with the requirements of the Policy on the Conduct, Administration and Management of NC (V) Examination. The accommodation, administrative, ablution and catering facilities complied with the requirements of the policy.

(f) APPROACH TO MARKING

The pyramid structure in the NC (V) marking process comprised of chief markers, internal moderators, external moderators and markers. A question marking approach was followed and the chief markers and internal moderators moderated the scripts rigorously. It is recommended that in the 2010 the NC (V) marking process, hierarchical structure must include the senior markers and deputy chief markers to ensure the four levels of moderation which are critical in the quality assurance of marking.

The internal moderator also came a few days after the marking had started and his or her role is to re-mark the scripts and provide feedback to teaching and learning. It recommended that the role of moderators be extended to include analysis of students' performance in order to provide feedback to teaching and learning.

5.1.9 CAPTURING OF MARKS

Data capturers were responsible for the management and capturing of 3 289 792 marks received from 513 798 students during the 2009 academic year. These marks comprise an examination mark and a year mark for Report 191 students and an ISAT, ICASS and examination mark for NC (V) students.

5.1.10 STANDARDISATION OF RESULTS

The pre-standardisation meeting to analyse the raw examination marks per subject/instructional offering and make recommendations for adjustments where deemed necessary was held with representatives of the Provincial Education Departments on 17 December 2009.

Umalusi, the Council for Quality Assurance in General and Further Education and Training is, in terms of its statutory mandate, responsible for ensuring that the examinations of the current year compare in standard and quality to the examinations of previous years. This function is executed at a meeting that involves representatives from the Department of Education, the provincial education departments, and the Umalusi Council. In order to ensure the credibility of these meetings they are observed by Higher Education South Africa (HESA); South African Qualifications Authority (SAQA) and the teacher unions. The standardisation of the 2009 FET College examination results took place on 18 December 2009.

In the majority of subjects, raw marks were accepted. In the remaining subjects, minor adjustments were made either upwards or downwards. The agreed upon adjustments were effected on the resulting system to allow Umalusi an opportunity to check the accuracy of the adjustments prior to making a declaration about the release thereof.

5.1.11 STATISTICAL MODERATION OF ICASS

Once the agreed upon adjustments decided in the standardization meeting had been effected, the ICASS and year marks for the respective FET College offerings were combined with the external assessment mark and statistically moderated at the same time to ensure the relationship between the internal and external assessment components remained within the required parameters. This process took place on 20 and 21 December 2009 so that the combined marks per subject per student could be made available to Umalusi for the Council meeting convened on 21 December 2009 to deliberate and make a pronouncement on the release of the results.

5.1.12 DECLARATION OF RESULTS BY UMALUSI

Umalusi, the Council for Quality Assurance in General and Further Education and Training, convened on 21 December 2009 and approved the FET College results for final publication. This indicates that the Quality Assurance Council is satisfied that no incident or process compromised the credibility of the 2009 college examinations as a whole. The 2009 results were declared fair and credible on 21 December 2009 and dispatched to all FET College examination centres on 23 December 2009 for release to candidates on 30 December 2009.

5.1.13 RELEASE OF RESULTS BY MINISTER

Dr BE Nzimande, Minister of Higher Education and Training, will officially release the results of the FET College national examinations to the FET Colleges on 30 December 2009 and later to the media and other interested parties.

5.1.14 CERTIFICATION

Certification is the formal recognition of a full qualification or subject achieved by a candidate. Where a candidate has met the minimum requirements for awarding the qualification, the relevant certificate will be issued. Where a candidate has not met the minimum requirements for the award of the qualification a subject statement for one or more subjects will be issued. Once a candidate has obtained the minimum credits for the award of the certificate, such a candidate can apply for the combination of the subject credits for the award of the certificate.

The Department of Higher Education and Training issues statements of results and certificates for N2 to N6 and NC (V) Level 2 and 3, while Umalusi is responsible for N3 and NC (V) Level 4.

(a) NATIONAL N DIPLOMAS

The National N Diploma is recognised as an NQF level 6 qualification. The number of students obtaining the National N Diploma in 2009 has increased by 1 096 candidates since 2008. 5 038 National N Diplomas (NQF 6) were successfully processed from applications approved during the 2009 academic year.

(b) NATIONAL CERTIFICATES

The number of students obtaining National Certificates over the last 3-year period is reflected in the tables below.

CERTIFICATES NATURAL SCIENCES STUDIES

	NC(OR)	N1	N2	N3	N4	N5	N6
2009	10	422	2667	12501	11574	5135	2572
2008	11	595	6446	11434	9876	4013	2058
2007	272	5794	16834	13149	7671	4139	2145

CERTIFICATES GENERAL STUDIES

	NC(OR)	N1	N2	N3	N4	N5	N6
2009	0	11	200	3195	23298	13926	9581
2008	0	10	1109	3706	23040	11808	7928
2007	12	54	2533	4171	21542	11138	6835

NATIONAL CERTIFICATE (VOCATIONAL)

	Level 2	Level 3
2009	8216	789

(c) THE GOVERNMENT CERTIFICATE OF COMPETENCY

The Government Certificate of Competency (GCC) is a registration to be a professional engineer in either the electrical or mechanical field.

The following Certificates of Competency are issued by the Department of Labour and the Department of Minerals & Energy respectively:

- Department of Labour-
 - *Certificate of Competency as Mechanical Engineer (Factories).
 - *Certificate of Competency as Electrical Engineer (Factories).
- Department of Minerals & Energy-
 - *Certificate of Competency as Mechanical Engineer (Mines).
 - *Certificate of Competency as Electrical Engineer (Mines).

Written examinations for each of these certificates are conducted in June and November of each academic year by the Department.

(d) INSTALLATION RULES & SPECIALISED ELECTRICAL INSTALLATION CODES

These certificates are issued by the Department of Labour. Written examinations for each of these certificates are held in April, August and November by the Department of Education.

5.2 MONITORING

It is standard practice in the South African examination system to monitor the writing of examinations according to policy prescriptions, as well as regulations where applicable. The 2009 examination was no exception where both desktop monitoring and site visits took place. National and Provincial monitoring teams monitored and reported progress on a daily basis from the beginning to the end of examination writing sessions.

5.3 IRREGULARITIES

The Department requested all FET Colleges to submit daily reports on the conduct of examinations which included irregularities. The following irregularity cases were reported during the November 2009 examinations:

- A total of 53 cases of irregularities were reported for the General Studies programmes
- A total of 43 cases of irregularities were reported for the Natural Sciences Studies programmes
- A total of 34 cases of irregularities were reported for the National Certificate (Vocational) programmes

These cases have been registered on the examination mainframe system and the results of candidates who are alleged to being guilty of an irregularity have been blocked pending the outcome of the investigation. The investigations are carried out by the National Examinations Irregularities Committee supported by the SAPS in the instances of serious irregularities.





6. THE 2009 FET COLLEGE EXAMINATION RESULTS

6.1 OVERALL NATIONAL SUBJECT RESULTS

The following tables provide an indication of performance per subject in the General Studies, Natural Sciences Studies and NC (V) programmes respectively.

6.1.1 GENERAL STUDIES PROGRAMMES

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Applied Accounting N2	N2	7	2	0	0
Applied Business Economics: Manufacturing N2	N2	3	3	3	100
Aural Training & Ensemble Work: Popular Music N2	N2	27	26	16	61.54
Business English: First Language N2	N2	20	11	7	63.64
Business English: Second Language N2	N2	21	5	3	60
Business Practice N2	N2	26	14	5	35.71
Clothing Construction Theory and Practical N2	N2	17	15	11	73.33
Computer Practice and Typing Technique N2	N2	9	7	4	57.14
Economic and Legal Environment N2	N2	21	7	7	100
Educare Theory and Practical N2	N2	1	0	0	0
Factory Organisation N2	N2	25	8	5	62.5
Fashion Drawing N2	N2	15	15	13	86.67
History of Music and Form: Popular Music N2	N2	28	23	16	69.57
Hospitality Lifeskills N2	N2	5	5	0	0
Pattern Construction Theory and Practical N2	N2	13	2	2	100
Popular Music Practical: Bass Guitar N2	N2	3	3	2	66.67
Popular Music Practical: Drums N2	N2	5	4	4	100
Popular Music Practical: Guitar N2	N2	2	1	1	100
Popular Music Practical: Piano/keyboard N2	N2	13	10	9	90
Popular Music Practical: Vocal N2	N2	7	5	5	100
Sakeafrikaans: Eerste Taal N2	N2	2	2	2	100
Sakeafrikaans: Tweede Taal N2	N2	21	8	2	25
Secretarial Catering N2	N2	1	0	0	0
Theory of Music, Harm. & Comp.: Popular Music N2	N2	28	24	16	66.67
Administration and Management N3	N3	11	6	2	33.33
Animal Production N3	N3	24	12	4	33.33
Applied Accounting N3	N3	692	358	120	33.52
Applied Business Economics: Manufacturing N3	N3	227	122	50	40.98
Applied Haircare N3	N3	6	6	3	50
Art of Africa N3	N3	3	3	3	100
Art of Drawing N3	N3	28	23	23	100
Aural Training & Ensemble Work: Popular Music N3	N3	54	47	46	97.87

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Business English: First Language N3	N3	4256	2768	1564	56.5
Business English: Second Language N3	N3	3684	2758	1589	57.61
Care of the Aged N3	N3	13	9	0	0
Care of the Handicapped N3	N3	11	7	0	0
Catering Practical N3	N3	24	11	11	100
Catering Theory N3	N3	43	35	0	0
Child Care N3	N3	17	0	0	0
Child Health N3	N3	20	13	13	100
Clothing Construction Theory and Practical N3	N3	60	46	28	60.87
Computer Graphics N3(ns)	N3	23	18	16	88.89
Computer Practice N3	N3	10221	7200	2895	40.21
Crop Production N3	N3	26	18	9	50
Dairy Production N3	N3	31	28	12	42.86
Economic and Legal Environment N3	N3	4566	3108	1748	56.24
Educare Theory and Practical N3	N3	23	11	8	72.73
Education N3	N3	23	14	14	100
Electrology N3	N3	23	14	7	50
Engineering Science N3	N3	2	2	2	100
Facial Machine Treatment N3	N3	23	15	4	26.67
Facial Skincare N3	N3	23	17	10	58.82
Factory Organisation N3	N3	101	78	21	26.92
Farming Business Practice N3	N3	22	17	1	5.88
Farming Mechanics N3	N3	2	1	0	0
Fashion Drawing N3	N3	51	42	26	61.9
Food and Drink Service N3	N3	1	0	0	0
Food Preparation N3	N3	3	1	1	100
Fruit Production N3	N3	11	5	3	60
Funeral Practice N3	N3	1	0	0	0
Haircare: Theory N3	N3	7	2	1	50
History of Music and Form: Popular Music N3	N3	60	19	6	31.58
Hospitality Lifeskills N3	N3	8	8	0	0
Industrial Orientation N3	N3	1	1	1	100
Information Processing N3	N3	2611	1335	561	42.02
Introductory Day Care Entrepreneurship N3	N3	20	14	10	71.43
Life Skills N3	N3	74	51	3	5.88
Mathematics N3	N3	1	1	1	100
Mechanotechnology N3	N3	1	1	1	100
Mutton Production N3	N3	17	17	13	76.47
Nail Technology N3	N3	26	11	6	54.55
Northern Sotho: First Language HG	N3	1	1	1	100
Northern Sotho: First Language SG	N3	2	2	2	100
Nutrition and Residential Care N3	N3	23	18	3	16.67
Office Practice N3	N3	11514	8808	4253	48.29

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Pattern Construction Theory and Practical N3	N3	60	49	31	63.27
Popular Music Practical: Bass Guitar N3	N3	6	3	3	100
Popular Music Practical: Drums N3	N3	7	7	6	85.71
Popular Music Practical: Guitar N3	N3	8	7	6	85.71
Popular Music Practical: Piano/keyboard N3	N3	19	16	15	93.75
Popular Music Practical: Vocal N3	N3	16	15	15	100
Popular Music Practical: Woodwind N3	N3	2	2	2	100
Psychology IN Funeral Directing N3	N3	1	0	0	0
Public Administration N3	N3	7978	6259	3055	48.81
Sakeafrikaans: Eerste Taal N3	N3	622	410	292	71.22
Sakeafrikaans: Tweede Taal N3	N3	3841	2046	716	35
Secretarial Catering N3	N3	67	2	0	0
Small Business Management & Entrepreneurship N3	N3	4977	3549	1343	37.84
Social Care N3	N3	10	5	5	100
Southern Sotho: First Language HG	N3	1	1	1	100
Southern Sotho: Second Language HG	N3	1	1	1	100
Theory of Music, Harm. & Comp.: Popular Music N3	N3	63	18	9	50
Three-Dimensional Design N3	N3	24	21	20	95.24
Tsonga: First Language SG	N3	2	2	2	100
Two-Dimensional Design N3	N3	17	14	14	100
Upholstery Theory and Practical N3	N3	1	0	0	0
Vine Production N3	N3	1	0	0	0
Zulu: First Language SG	N3	1	1	1	100
Applied Management N4	N4	813	685	407	59.42
Arranging & Production N4	N4	33	13	13	100
Aural & Ensemble N4	N4	18	13	13	100
Bestuurskommunikasie N4	N4	1130	895	808	90.28
Catering Theory and Practical N4	N4	574	431	305	70.77
Ceramics N4	N4	20	16	16	100
Child Health N4	N4	605	485	346	71.34
Clothing Construction N4	N4	217	197	165	83.76
Communication N4	N4	7720	6547	3850	58.81
Computer Practice N4	N4	31141	27044	19915	73.64
Computerised Financial Systems N4	N4	6734	5991	5008	83.59
Data Management: Farming N4	N4	33	32	30	93.75
Day Care Personnel Development N4	N4	547	446	368	82.51
Drawing N4	N4	318	296	274	92.57
Economics N4	N4	3561	3045	1606	52.74
Educare Didactics Theory and Practical N4	N4	538	345	307	88.99
Education N4	N4	610	473	309	65.33

Landa affirmation described as	Local	Esterni	Wests	Descri	D 0/ /E - (1)
Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Electronic Music & Keyboard Technique N4	N4	37	13	12	92.31
Entrepreneurship and Business Management N4	N4	29520	25660	19671	76.66
Fashion Drawing N4	N4	220	197	172	87.31
Financial Accounting N4	N4	9995	8687	5616	64.65
Financial Management: Farming N4	N4	32	29	27	93.1
Graphic Design N4	N4	288	265	226	85.28
Graphic Processes N4	N4	110	102	95	93.14
Improvisation N4	N4	18	13	13	100
Information Processing N4	N4	8166	7180	3167	44.11
Inleidende Kommunikasie N4	N4	10	4	3	75
Interior Principles Theory and Practical N4	N4	22	22	16	72.73
Interior Styles and Studies N4	N4	21	21	19	90.48
Introductory Accounting N4	N4	6736	5844	4218	72.18
Introductory Clothing Construction N4	N4	92	80	71	88.75
Introductory Communication N4	N4	3194	2963	1548	52.24
Introductory Computer Practice N4	N4	9015	7702	5898	76.58
Introductory Drawing N4	N4	163	144	134	93.06
Introductory Entrepreneurship N4	N4	2644	2425	1720	70.93
Introductory Factory Organisation N4	N4	105	93	57	61.29
Introductory Fashion Drawing N4	N4	88	79	75	94.94
Introductory Form and Colour Studies N4	N4	163	145	133	91.72
Introductory Graphic Interpretation N4	N4	160	141	131	92.91
Introductory Information Processing N4	N4	3157	2785	2185	78.46
Introductory Marketing N4	N4	1069	980	189	19.29
Introductory Pattern Construction N4	N4	89	80	75	93.75
Introductory Personnel Management N4	N4	1110	1011	806	79.72
Introductory Public Administration N4	N4	285	268	204	76.12
Introductory Space and Volume Studies N4	N4	163	144	139	96.53
Jewellery Design N4	N4	16	10	10	100
Jewellery Manufacturing N4	N4	22	9	9	100
Kommunikasie N4	N4	958	812	591	72.78
Maintenance Management: Farming N4	N4	35	34	25	73.53
Management Communication N4	N4	34891	30192	13798	45.7
Management: Farming N4	N4	32	32	19	59.38
Marketing Management N4	N4	5437	4682	2974	63.52
Medical Practice N4	N4	32	27	17	62.96
Mercantile Law N4	N4	2494	2209	582	26.35
Music Business & Styles N4	N4	44	38	16	42.11
Nutrition and Menu Planning N4	N4	652	586	306	52.22
Office Practice N4	N4	8960	7850	4397	56.01
Painting N4	N4	156	137	124	90.51
Pattern Construction N4	N4	214	192	179	93.23

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Personnel Management N4	N4	13187	11369	4737	41.67
Photography N4	N4	67	61	58	95.08
Practical: Bass Guitar N4	N4	6	4	4	100
Practical: Drums/percussion N4	N4	3	2	2	100
Practical: Guitar N4	N4	1	0	0	0
Practical: Piano/keyboard N4	N4	6	4	4	100
Practical: Vocal N4	N4	2	2	2	100
Public Administration N4	N4	3044	2467	1599	64.82
Sanitation and Housekeeping N4	N4	227	193	71	36.79
Sanitation and Safety N4	N4	387	337	242	71.81
Sound Engineering N4	N4	33	12	11	91.67
Spatial Planning Theory and Practical N4	N4	22	21	17	80.95
Surface Elements Theory and Practical N4	N4	23	23	16	69.57
Textile Design/fibre ART N4	N4	47	6	6	100
Three-Dimensional Studies N4	N4	32	24	17	70.83
Tourism Communication N4	N4	1244	1083	655	60.48
Tourist Destinations N4	N4	1333	1047	553	52.82
Travel Office Procedures N4	N4	1395	1099	543	49.41
Travel Services N4	N4	1622	1290	409	31.71
Typing (40 Wpm) N4	N4	1	1	1	100
Applied Management N5	N5	561	494	256	51.82
Arranging & Production N5	N5	21	6	6	100
Aural & Ensemble N5	N5	13	8	8	100
Caterer Client Relations N5	N5	4	2	2	100
Catering Theory and Practical N5	N5	577	473	330	69.77
Ceramics N5	N5	12	10	10	100
Clothing Construction N5	N5	169	159	148	93.08
Communication N5	N5	4806	4380	2979	68.01
Computer Practice N5	N5	19686	16785	10877	64.8
Computerised Financial Systems N5	N5	6633	6184	3648	58.99
Cost and Management Accounting N5	N5	5949	5525	3161	57.21
Data Management: Farming N5	N5	32	27	23	85.19
Day Care Communication N5	N5	354	307	241	78.5
Drawing N5	N5	298	259	227	87.64
Economics N5	N5	1473	1333	847	63.54
Educare Didactics Theory and Practical N5	N5	290	188	176	93.62
Educational Psychology N5	N5	308	274	254	92.7
Electronic Music & Keyboard Technique N5	N5	20	7	5	71.43
Entrepreneurship and Business Management N5	N5	15795	14484	8496	58.66
Fashion Drawing N5	N5	165	123	118	95.93
Financial Accounting N5	N5	10393	9658	4382	45.37
Financial Management: Farming N5	N5	37	31	17	54.84

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Instructional offering description	Level	Entered	Wrote	Wrote	Pass% (Entered)
Food and Beverage Service N5	N5	470	442	295	66.74
Graphic Design N5	N5	251	213	196	92.02
Graphic Processes N5	N5	83	80	68	85
History of Art N5	N5	362	278	141	50.72
Improvisation N5	N5	13	8	7	87.5
Information Processing N5	N5	5760	5231	2242	42.86
Interior Styles and Studies N5	N5	18	17	16	94.12
Jewellery Design N5	N5	11	10	10	100
Jewellery Manufacturing N5	N5	11	9	9	100
Kommunikasie N5	N5	605	527	412	78.18
Labour Relations N5	N5	9032	8149	3063	37.59
Legal Practice N5	N5	284	244	141	57.79
Maintenance Management: Farming N5	N5	38	33	11	33.33
Management N5	N5	1	1	1	100
Management: Farming N5	N5	29	26	23	88.46
Marketing Management N5	N5	4741	4288	1690	39.41
Medical Practice N5	N5	23	20	15	75
Mercantile Law N5	N5	433	340	210	61.76
Municipal Administration N5	N5	1575	1456	869	59.68
Music Business & Styles N5	N5	35	23	3	13.04
Office Practice N5	N5	4260	3885	3154	81.18
Painting N5	N5	101	73	69	94.52
Pattern Construction N5	N5	167	155	145	93.55
Personnel Management N5	N5	6623	6043	3243	53.67
Personnel Training N5	N5	8409	7695	3054	39.69
Photography N5	N5	100	89	82	92.13
Practical: Bass Guitar N5	N5	4	3	3	100
Practical: Drums/percussion N5	N5	2	1	1	100
Practical: Guitar N5	N5	1	0	0	0
Practical: Piano/keyboard N5	N5	5	2	2	100
Practical: Vocal N5	N5	3	2	2	100
Public Administration N5	N5	1463	1302	957	73.5
Public Finance N5	N5	1435	1292	893	69.12
Public Relations N5	N5	4545	3972	2097	52.79
Sales Management N5	N5	9637	8743	5345	61.13
Sound Engineering N5	N5	22	8	6	75
Spatial Planning Theory and Practical N5	N5	18	16	16	100
Textile Design/fibre Art N5	N5	23	21	18	85.71
Three-Dimensional Studies N5	N5	12	12	11	91.67
Tourism Communication N5	N5	820	774	329	42.51
Tourist Destinations N5	N5	955	812	225	27.71
Travel Office Procedures N5	N5	775	669	386	57.7

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Travel Services N5	N5	539	410	212	51.71
Applied Management N6	N6	490	464	258	55.6
Arranging & Production N6	N6	21	12	11	91.67
Aural & Ensemble N6	N6	10	9	9	100
Catering Theory and Practical N6	N6	408	322	218	67.7
Ceramics N6	N6	17	16	13	81.25
Clothing Construction N6	N6	156	146	143	97.95
Communication and Human Relations N6	N6	392	375	300	80
Communication N6	N6	3714	3380	1848	54.67
Computer Practice N6	N6	7613	6988	5045	72.2
Computerised Financial Systems N6	N6	3613	3372	2014	59.73
Cost and Management Accounting N6	N6	3386	3192	2738	85.78
Data Management: Farming N6	N6	22	20	20	100
Day Care Communication N6	N6	276	253	182	71.94
Day Care Management N6	N6	223	212	166	78.3
Drawing N6	N6	217	198	172	86.87
Educare Didactics Theory and Practical N6	N6	236	175	148	84.57
Educational Psychology N6	N6	231	217	204	94.01
Electronic Music & Keyboard Technique N6	N6	21	13	12	92.31
Entrepreneurship and Business Management N6	N6	6203	5539	3652	65.93
Fashion Drawing N6	N6	156	145	140	96.55
Financial Accounting N6	N6	4206	3905	2832	72.52
Financial Management: Farming N6	N6	23	20	12	60
Graphic Design N6	N6	161	147	128	87.07
Graphic Processes N6	N6	61	56	45	80.36
Harmony & Composition N6	N6	1	1	0	0
History of Art N6	N6	226	183	99	54.1
Hotel Reception N6	N6	365	323	257	79.57
Human Resource Management: Farming N6	N6	19	18	18	100
Improvisation N6	N6	10	9	9	100
Income Tax N6	N6	1605	1467	812	55.35
Information Processing N6	N6	3901	3609	2287	63.37
Interior Styles and Studies N6	N6	20	20	18	90
Invalid subject number 540296	N6	1	1	0	0
Invalid subject number 603016	N6	1	1	0	0
Jewellery Design N6	N6	17	16	15	93.75
Jewellery Manufacturing N6	N6	24	17	17	100
Kommunikasie N6	N6	337	305	274	89.84
Labour Relations N6	N6	5896	5236	1713	32.72
Legal Practice N6	N6	133	118	93	78.81
Management: Farming N6	N6	21	15	15	100
Marketing Communication N6	N6	3273	2979	1923	64.55

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Marketing Management N6	N6	3614	3178	1086	34.17
Marketing Research N6	N6	2753	2479	1630	65.75
Medical Practice N6	N6	19	19	17	89.47
Municipal Administration N6	N6	1137	1033	502	48.6
Music Business & Styles N6	N6	16	14	13	92.86
Office Practice N6	N6	3467	3217	2532	78.71
Painting N6	N6	74	61	43	70.49
Pattern Construction N6	N6	156	149	143	95.97
Personnel Management N6	N6	3621	3311	2309	69.74
Personnel Training N6	N6	3607	3279	2510	76.55
Photography N6	N6	73	69	63	91.3
Practical: Bass Guitar N6	N6	2	2	2	100
Practical: Piano/keyboard N6	N6	6	4	4	100
Practical: Vocal N6	N6	2	2	2	100
Public Administration N6	N6	938	818	683	83.5
Public Finance N6	N6	716	628	416	66.24
Public Law N6	N6	1254	1073	462	43.06
Public Relations N6	N6	1250	1122	540	48.13
Sales Management N6	N6	6221	5807	4309	74.2
Sound Engineering N6	N6	20	12	12	100
Spatial Planning Theory and Practical N6	N6	20	20	19	95
Textile Design/fibre Art N6	N6	28	25	24	96
Three-Dimensional Studies N6	N6	13	12	10	83.33
Tourist Destinations N6	N6	403	336	212	63.1
Travel Office Procedures N6	N6	419	352	241	68.47
Travel Services N6	N6	512	422	233	55.21
Typing N6	N6	1	1	1	100
	TOTAL	474007	408646	242880	59.4

6.1.2 NATURAL SCIENCES STUDIES PROGRAMMES

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Aircraft Maintenance Theory N2	N2	14	14	10	71.43
Aircraft Metalwork Theory N2	N2	13	8	6	75
Armature Winding Theory N2	N2	1	0	0	0
Bricklaying and Plastering Theory N2	N2	34	23	13	56.52
Building Drawing N2	N2	154	94	27	28.72
Building Science N2	N2	126	44	14	31.82
Carpentry and Roofing Theory N2	N2	107	64	29	45.31
Chemical Laboratory Technology N2	N2	6	0	0	0

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Communication: Mining N2	N2	130	91	69	75.82
Diesel Trade Theory N2	N2	965	752	371	49.34
Diesel-Electrical Theory N2	N2	4	0	0	0
Electrical Trade Theory N2	N2	3159	2459	780	31.72
Engineering Drawing N2	N2	2322	1691	655	38.73
Engineering Science N2	N2	5407	4058	1167	28.76
Fabric Construction and Testing N2	N2	1	1	0	0
Ferro-Alloy Theory N2	N2	4	0	0	0
Fitting and Machining Theory N2	N2	1725	1352	755	55.84
Industrial Chemistry N2	N2	6	4	3	75
Industrial Electronics N2	N2	2071	1552	466	30.03
Industrial Orientation N2	N2	8	7	5	71.43
Industrial Science N2	N2	7	0	0	0
Installation Rules Paper 1	N2	4127	2832	1223	43.19
Installation Rules Paper 2	N2	4001	2697	1157	42.9
Instrument Trade Theory N2	N2	217	158	84	53.16
Logic Systems N2	N2	73	44	38	86.36
Mathematics N2	N2	5616	4055	1188	29.3
Metalliferous Mining N2	N2	83	64	38	59.38
Mining Machinery N2	N2	96	69	41	59.42
Motor Body Repairing N2	N2	5	3	3	100
Motor Bodywork Theory N2	N2	8	7	6	85.71
Motor Electrical Theory N2	N2	114	76	39	51.32
Motor Machining Theory N2	N2	8	2	0	0
Motor Trade Theory N2	N2	345	258	120	46.51
Plant Operation Theory N2	N2	14	9	0	0
Platers' Theory N2	N2	948	776	306	39.43
Plating and Structural Steel Drawing N2	N2	851	681	187	27.46
Plumbing Theory N2	N2	23	7	5	71.43
Power Station Theory N2	N2	14	6	3	50
Radio and Television Theory N2	N2	3	2	0	0
Radio Theory N2	N2	15	13	10	76.92
Refrigeration Trade Theory N2	N2	23	23	6	26.09
Rigging Theory N2	N2	101	52	35	67.31
Road Construction Drawing N2	N2	1	1	0	0
Road Construction Theory N2	N2	2	1	0	0
Surface Mining Economics N2	N2	13	7	5	71.43
Surface Mining N2	N2	17	10	5	50
Toolmakers' Theory N2	N2	19	18	18	100
Ventilation, Gases and Dust N2	N2	144	100	24	24

Water and Waste-Water Treatment Practice N2 N2 7 4 2 50 Welders' Theory N2 N2 117 89 47 52.81 Aircraft Metalwork Theory N3 N3 328 306 139 45.42 Aircraft Metalwork Theory N3 N3 52 45 18 40 Armature Winding Theory N3 N3 1223 972 656 67.49 Building Drawing N3 N3 1315 988 475 48.08 Building Science N3 N3 1315 988 475 48.08 Building Science N3 N3 1315 988 475 48.08 Chemical Laboratory Technology N3 N3 1149 901 259 28.75 Electrical Trade Theory N3 N3 1149 901 259 28.75 Electrical Trade Theory N3 N3 12924 10733 3282 30.58 Electro-Mechanics Theory N3 N3 12924 10733 3282 30.58	landa affaral affara lan daga daga	1	Estand	Wasts	Dere	D = = 0/ /F = (= = = 1)
Welders' Theory N2 N2 117 89 47 52.81 Aircraft Maintenance Theory N3 N3 328 306 139 45.42 Aircraft Meintenance Theory N3 N3 52 45 18 40 Armature Winding Theory N3 N3 22 20 18 90 Building and Civil Technology N3 N3 1223 972 656 67.49 Building Drawing N3 N3 1315 998 475 48.08 Building Science N3 N3 186 140 27 19.29 Diesel Trade Theory N3 N3 186 140 27 19.29 Diesel Trade Theory N3 N3 1149 901 259 28.75 Electro-Technology N3 N3 1953 1424 443 31.11 Electro-Technology N3 N3 12924 10733 3282 30.58 Engineering Drawing N3 N3 12924 10733 3282 30.58 Engineering Science N3 <th>Instructional offering description</th> <th>Level</th> <th>Entered</th> <th>Wrote</th> <th>Pass</th> <th>Pass% (Entered)</th>	Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Aircraft Maintenance Theory N3 N3 328 306 139 45.42 Aircraft Metalwork Theory N3 N3 52 45 18 40 Armature Winding Theory N3 N3 22 20 18 90 Building and Civil Technology N3 N3 1223 972 666 67.49 Building Drawing N3 N3 1315 988 475 48.08 Building Science N3 N3 186 140 27 19.29 Diesel Trade Theory N3 N3 1149 901 259 28.75 Electrical Trade Theory N3 N3 1149 901 259 28.75 Electro-Technology N3 N3 1953 1424 443 31.11 Electro-Technology N3 N3 12924 10733 3282 30.58 Engineering Drawing N3 N3 12924 10733 3282 30.58 Engineering Drawing N3 N3 26340 21660 8034 37.09 Ferro-Alloy				1		
Aircraft Metalwork Theory N3	·		_	_		
Armature Winding Theory N3 N3 22 20 18 90 Building and Civil Technology N3 N3 1223 972 656 67.49 Building Drawing N3 N3 1315 988 475 48.08 Building Science N3 N3 2085 1693 657 38.81 Chemical Laboratory Technology N3 N3 186 140 27 19.29 Diesel Trade Theory N3 N3 1149 901 259 28.75 Electrical Trade Theory N3 N3 1953 1424 443 31.11 Electro-Technology N3 N3 1953 1424 443 31.11 Electro-Technology N3 N3 12924 10733 3282 30.58 Engineering Drawing N3 N3 4219 3196 1766 55.26 Engineering Science N3 N3 15 0 0 0 Fibre and Yam Characteristics and Testing N3 N3 15 0 0 0 Furnitur	<u> </u>					
Building and Civil Technology N3 N3 1223 972 656 67.49 Building Drawing N3 N3 1315 988 475 48.08 Building Science N3 N3 2085 1693 657 38.81 Chemical Laboratory Technology N3 N3 186 140 27 19.29 Diesel Trade Theory N3 N3 1149 901 259 28.75 Electro-Mechanics Theory N3 N3 1953 1424 443 31.11 Electro-Technology N3 N3 7 0 0 0 Electro-Technology N3 N3 4219 3196 1766 55.26 Engineering Drawing N3 N3 4219 3196 1766 55.26 Engineering Drawing N3 N3 429 363 15 0 0 Ferro-Alloy Technology N3 N3 15 0 0 0 0 0 Fibra and Yam Characteristics and Testing N3 N3 2 1 50 1 15	·		1			1.0
Building Drawing N3			_			
Building Science N3				972		
Chemical Laboratory Technology N3			_	1		
Diesel Trade Theory N3	Building Science N3	N3	2085	1693	657	38.81
Electrical Trade Theory N3	Chemical Laboratory Technology N3	N3	186	140		19.29
Electro-Mechanics Theory N3	Diesel Trade Theory N3	N3	1149	901	259	28.75
Electro-Technology N3	Electrical Trade Theory N3	N3	1953	1424	443	31.11
Engineering Drawing N3 N3 4219 3196 1766 55.26 Engineering Science N3 N3 26340 21660 8034 37.09 Ferro-Alloy Technology N3 N3 15 0 0 0 Fibre and Yarn Characteristics and Testing N3 N3 2 2 1 50 Furniture Makers' Theory N3 N3 2 2 2 1 50 Industrial Chemistry N3 N3 429 363 152 41.87 Industrial Electronics N3 N3 12671 10570 4351 41.16 Industrial Organisation and Planning N3 N3 2560 1797 670 37.28 Industrial Organisation and Planning N3 N3 3308 2402 1102 45.88 Industrial Science N3 N3 40 4 1 25 Instrument Trade Theory N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 1902 1604 441 27.49 Mathematics N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 N3 19 10 0 Motor Trade Theory N3 N3 N3 10 0 0 Motor Trade Theory N3 N3 N3 10 0 0 Motor Trade Theory N3 N3 N3 10 0 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Departion Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Departion Theory N3 N3 N3 10 10 0 Motor Departion Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 N3 10 10 0 Motor Trade Theory N3 N3 10 10 10 10 10 10 10 10 10 10 10 10 10	Electro-Mechanics Theory N3	N3	7	0	0	0
Engineering Science N3 N3 26340 21660 8034 37.09 Ferro-Alloy Technology N3 N3 15 0 0 0 Fibre and Yarn Characteristics and Testing N3 N3 2 2 1 50 Industrial Chemistry N3 N3 429 363 152 41.87 Industrial Chemistry N3 N3 429 363 152 41.87 Industrial Electronics N3 N3 12671 10570 4351 41.16 Industrial Organisation and Planning N3 N3 2560 1797 670 37.28 Industrial Orientation N3 N3 3308 2402 1102 45.88 Industrial Orientation N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 N3 14 8 7 87.5 Motor Telectrical Theory N3 N3 N3 1 14 8 7 87.5 Motor Trade Theory N3 N3 N3 1 15 15 8 53.33 Pulp and Papermaking Theory N3 N3 S63 45 15 33.33 Pulp and Papermaking Theory N3 N3 S63 45 15 33.33 Radio and Television Theory N3 N3 S63 45 15 33.33 Radio and Television Theory N3 N3 S60 A45 15 33.33 Radio and Television Theory N3 N3 S60 A45 15 33.33 Radio and Television Theory N3 N3 S60 A45 155 33.33 Radio and Television Theory N3 N3 S60 A45 155 33.33 Radio and Television Theory N3 N3 S60 A45 155 33.33 Radio and Television Theory N3 N3 S60 A45 155 33.33 Radio and Television Theory N3 N3 S60 A45 155 33.33	Electro-Technology N3	N3	12924	10733	3282	30.58
Ferro-Alloy Technology N3 N3 15 0 0 0 Fibre and Yarn Characteristics and Testing N3 N3 2 2 1 50 Furniture Makers' Theory N3 N3 2 2 1 50 Industrial Chemistry N3 N3 429 363 152 41.87 Industrial Chemistry N3 N3 12671 10570 4351 41.16 Industrial Chemistry N3 N3 12671 10570 4351 41.16 Industrial Orientation N3 N3 2560 1797 670 37.28 Industrial Orientation N3 N3 3308 2402 1102 45.88 Industrial Crientation N3 N3 3308 2402 1102 45.88 Industrial Crientation N3 N3 40 4 1 25 Instrument Trade Theory N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3	Engineering Drawing N3	N3	4219	3196	1766	55.26
Fibre and Yarn Characteristics and Testing N3 N3 2 2 1 1 50 Furniture Makers' Theory N3 N3 2 2 1 1 50 Industrial Chemistry N3 N3 429 363 152 41.87 Industrial Electronics N3 N3 12671 10570 4351 41.16 Industrial Organisation and Planning N3 N3 2560 1797 670 37.28 Industrial Orientation N3 N3 3308 2402 1102 45.88 Industrial Science N3 N3 40 4 1 25 Instrument Trade Theory N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 14 8 7 87.5 Motor Machining Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 65 43.41	Engineering Science N3	N3	26340	21660	8034	37.09
Furniture Makers' Theory N3 N3 2 2 1 50 Industrial Chemistry N3 N3 429 363 152 41.87 Industrial Electronics N3 N3 12671 10570 4351 41.16 Industrial Organisation and Planning N3 N3 2560 1797 670 37.28 Industrial Orientation N3 N3 3308 2402 1102 45.88 Industrial Science N3 N3 40 4 1 25 Instrument Trade Theory N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 22578 17789 6077 34.16 Mechanotechnology N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 755 425 133 31.29 Motor Trade Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 23 15 8 53.33 Radio and Television Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 63 45 15 33.33	Ferro-Alloy Technology N3	N3	15	0	0	0
Industrial Chemistry N3	Fibre and Yarn Characteristics and Testing N3	N3	2	2	1	50
Industrial Electronics N3	Furniture Makers' Theory N3	N3	2	2	1	50
Industrial Organisation and Planning N3 N3 2560 1797 670 37.28 Industrial Orientation N3 N3 3308 2402 1102 45.88 Industrial Science N3 N3 40 4 1 25 Instrument Trade Theory N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 22578 17789 6077 34.16 Mechanotechnology N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Machining Theory N3 N3 3 1 0 0 Motor Workshop Organisation and Administration N3	Industrial Chemistry N3	N3	429	363	152	41.87
Industrial Orientation N3 N3 3308 2402 1102 45.88 Industrial Science N3 N3 40 4 1 25 Instrument Trade Theory N3 N3 809 627 340 54.23 Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 22578 17789 6077 34.16 Mechanotechnology N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 3 1 0 0 Motor Machining Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3<	Industrial Electronics N3	N3	12671	10570	4351	41.16
Industrial Science N3	Industrial Organisation and Planning N3	N3	2560	1797	670	37.28
Instrument Trade Theory N3	Industrial Orientation N3	N3	3308	2402	1102	45.88
Logic Systems N3 N3 1902 1604 441 27.49 Mathematics N3 N3 22578 17789 6077 34.16 Mechanotechnology N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Workshop Organisation and Administration N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 560 466 87 18.67 Plating and Papermaking Theory N3 N3 23 15 8 53.33	Industrial Science N3	N3	40	4	1	25
Mathematics N3 N3 22578 17789 6077 34.16 Mechanotechnology N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 3 1 0 0 Motor Machining Theory N3 N3 3 1 0 0 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3	Instrument Trade Theory N3	N3	809	627	340	54.23
Mechanotechnology N3 N3 8676 7084 2102 29.67 Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Workshop Organisation and Administration N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 157 129 56 43.41	Logic Systems N3	N3	1902	1604	441	27.49
Metalliferous Mining N3 N3 192 137 76 55.47 Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Mathematics N3	N3	22578	17789	6077	34.16
Mine Planning N3 N3 253 202 89 44.06 Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Mechanotechnology N3	N3	8676	7084	2102	29.67
Mining Shafts N3 N3 125 93 40 43.01 Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Metalliferous Mining N3	N3	192	137	76	55.47
Motor Bodywork Theory N3 N3 14 8 7 87.5 Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Mine Planning N3	N3	253	202	89	44.06
Motor Electrical Theory N3 N3 65 48 17 35.42 Motor Machining Theory N3 N3 3 1 0 0 Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Mining Shafts N3	N3	125	93	40	43.01
Motor Machining Theory N3 N3 3 1 0 0 Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Motor Bodywork Theory N3	N3	14	8	7	87.5
Motor Trade Theory N3 N3 755 425 133 31.29 Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Motor Electrical Theory N3	N3	65	48	17	35.42
Motor Workshop Organisation and Administration N3 N3 3 2 1 50 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Motor Machining Theory N3	N3	3	1	0	0
and Administration N3 N3 560 466 87 18.67 Plant Operation Theory N3 N3 560 466 87 18.67 Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Motor Trade Theory N3	N3	755	425	133	31.29
Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41		N3	3	2	1	50
Plating and Structural Steel Drawing N3 N3 442 362 165 45.58 Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41	Plant Operation Theory N3	N3	560	466	87	18.67
Power Station Theory N3 N3 23 15 8 53.33 Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41		N3	442	362	165	45.58
Pulp and Papermaking Theory N3 N3 63 45 15 33.33 Radio and Television Theory N3 N3 157 129 56 43.41			_			_
Radio and Television Theory N3 N3 157 129 56 43.41	· · · · · · · · · · · · · · · · · · ·		_		+	
						_
	Radio Theory N3	N3	22	15	8	53.33

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Refrigeration Technology N3	N3	28	24	18	75
Refrigeration Trade Theory N3	N3	23	18	6	33.33
Road Construction Drawing N3	N3	3	1	0	0
Short Staple Spinning Theory N3	N3	1	0	0	0
Supervision IN Industry N3	N3	4407	3261	1220	37.41
Surface Mining Geology N3	N3	146	123	31	25.2
Surface Mining Machinery N3	N3	152	91	10	10.99
Surface Mining N3	N3	88	60	28	46.67
Surface Mining Surveying N3	N3	105	64	38	59.38
Waste-Water Treatment Practice N3	N3	400	138	32	23.19
Water Treatment Practice N3	N3	251	224	148	66.07
Aircraft Technology N4	N4	188	173	86	49.71
Aviation Electronics N4	N4	1	1	0	0
Building Administration N4	N4	6115	5518	2529	45.83
Building and Structural Construction N4	N4	4816	4183	2706	64.69
Building and Structural Surveying N4	N4	6313	5711	1915	33.53
Chemical Plant Operation N4	N4	536	484	208	42.98
Chemistry N4	N4	628	565	232	41.06
Communication N4	N4	373	283	172	60.78
Communication-Electronics N4	N4	842	717	411	57.32
Computer Principles N4	N4	177	117	87	74.36
Digital Electronics N4	N4	3814	3267	1694	51.85
Electrotechnics N4	N4	16310	14049	9090	64.7
Engineering Science N4	N4	30810	26705	8291	31.05
Fault Finding and Protective Devices N4	N4	2255	2023	962	47.55
General Draughting	N4	622	573	181	31.59
Industrial Affairs N4	N4	76	47	19	40.43
Industrial Electronics N4	N4	24065	20984	7397	35.25
Industrial Instruments N4	N4	1489	1148	546	47.56
Introduction TO Metallurgy N4	N4	13	12	1	8.33
Logic Systems N4	N4	384	302	218	72.19
Machines and Properties of Metals N4	N4	531	426	129	30.28
Mathematics N4	N4	37575	32580	13379	41.07
Mechanical and Drawing-Office Orientation	N4	964	820	90	10.98
Mechanical Draughting	N4	681	610	352	57.7
Mechanical Draughting N4	N4	5649	4924	2809	57.05
Mechanotechnics N4	N4	12357	10467	3640	34.78
Motor Vehicle Science N4	N4	20	6	2	33.33
Papermaking N4	N4	109	63	19	30.16
Pictorial Draughting	N4	470	439	305	69.48
Plating and Structural Steel Drawing N4	N4	116	87	59	67.82
Production and Quality Control N4	N4	301	251	175	69.72

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Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Pulpmaking N4	N4	31	16	8	50
Quantity Surveying N4	N4	5085	4569	2428	53.14
Refrigeration, AIR Conditioning and Ventilation N4	N4	8	5	5	100
Spec. Electrical Install. Codes Paper 1	N4	274	175	122	69.71
Spec. Electrical Install. Codes Paper 2	N4	234	142	106	74.65
Supervisory Management N4	N4	4821	3574	1550	43.37
Building Administration N5	N5	2711	2543	1979	77.82
Building and Structural Construction N5	N5	4067	3763	1068	28.38
Building and Structural Surveying N5	N5	2877	2698	2120	78.58
Building Draughting	N5	698	622	457	73.47
Chemical Plant Operation N5	N5	372	332	129	38.86
Chemistry N5	N5	354	324	223	68.83
Communication-Electronics N5	N5	858	751	287	38.22
Computer Principles N5	N5	87	69	22	31.88
Computer-Aided Draughting	N5	765	679	496	73.05
Digital Electronics N5	N5	2007	1798	1476	82.09
Dyeing and Fibre Technology N5	N5	2	1	0	0
Electrical Draughting	N5	349	309	212	68.61
Electrotechnics N5	N5	11814	10479	5234	49.95
Engineering Physics N5	N5	1295	1098	592	53.92
Fault Finding and Protective Devices N5	N5	1253	1123	757	67.41
Fluid Mechanics N5	N5	1897	1556	720	46.27
Industrial Affairs N5	N5	13	8	1	12.5
Industrial Electronics N5	N5	10291	9310	5750	61.76
Industrial Instruments N5	N5	688	556	402	72.3
Internal Combustion Engines N5	N5	7	6	6	100
Logic Systems N5	N5	173	135	104	77.04
Mathematics N5	N5	16445	14410	6022	41.79
Mechanical Drawing and Design N5	N5	1543	1410	638	45.25
Mechanotechnics N5	N5	4514	3853	2352	61.04
Papermaking N5	N5	2	2	0	0
Power Machines N5	N5	9809	8524	4010	47.04
Production and Quality Control N5	N5	104	88	73	82.95
Pulpmaking N5	N5	7	6	1	16.67
Quantity Surveying N5	N5	4728	4423	1776	40.15
Refrigeration, AIR Conditioning and Ventilation N5	N5	2	1	0	0
Strength of Materials and Structures N5	N5	5820	4929	1476	29.95
Structural Steel Detailing	N5	659	563	446	79.22
Supervisory Management N5	N5	1878	1419	701	49.4
Technical Illustration	N5	146	135	121	89.63
Weaving N5	N5	2	0	0	0
Building Administration N6	N6	2354	2229	1605	72.01

Instructional offering description	Level	Entered	Wrote	Pass	Pass% (Entered)
Building and Structural Construction N6	N6	2414	2253	1277	56.68
Building and Structural Surveying N6	N6	3433	3082	1418	46.01
Chemical Plant Operation N6	N6	200	184	99	53.8
Chemical Technology N6	N6	293	223	69	30.94
Communication-Electronics N6	N6	514	422	228	54.03
Computer Principles N6	N6	70	54	29	53.7
Control Systems N6	N6	984	714	365	51.12
Digital Electronics N6	N6	1385	1208	1020	84.44
Dyeing and Fibre Technology N6	N6	2	2	2	100
Electrotechnics N6	N6	7642	6768	3298	48.73
Engineering Physics N6	N6	756	680	459	67.5
Fault Finding and Protective Devices N6	N6	1444	1290	446	34.57
Fluid Mechanics N6	N6	720	594	433	72.9
Industrial Affairs N6	N6	3	1	1	100
Industrial Electronics N6	N6	8471	7224	3483	48.21
Industrial Instruments N6	N6	535	429	235	54.78
Internal Combustion Engines N6	N6	5	4	3	75
Legal Knowledge: Mines	N6	345	270	61	22.59
Logic Systems N6	N6	74	69	59	85.51
Loss Control N6	N6	220	184	66	35.87
Mathematics N6	N6	7887	6922	3986	57.58
Mechanical Drawing and Design N6	N6	983	920	287	31.2
Mechanotechnics N6	N6	3434	2836	1341	47.28
Occupational Health and Safety Act	N6	428	294	96	32.65
Papermaking N6	N6	1	0	0	0
Plant Engineering: Factories	N6	587	432	61	14.12
Plant Engineering: Mines and Works	N6	463	362	44	12.15
Power Machines N6	N6	6070	5119	1913	37.37
Production and Quality Control N6	N6	59	43	40	93.02
Pulpmaking N6	N6	4	2	2	100
Quantity Surveying N6	N6	2590	2415	1254	51.93
Refrigeration, Air Conditioning and Ventilation N6	N6	1	1	0	0
Strength of Materials and Structures N6	N6	2486	1998	944	47.25
Supervisory Management N6	N6	886	677	440	64.99
	TOTAL	461,378	388,396	168,843	43.5

6.1.3 NATIONAL CERTIFICATE (VOCATIONAL)

					- A/ (134 /)
Subject description	Level	Entered	Wrote	Pass	Pass% (Wrote)
Advertising and Promotions L2	L2	4,158	2,851	849	29.8
Afrikaans First Additional Language L2	L2	1,196	774	597	77.1
Agribusiness L2	L2	1,746	1,276	735	57.6
Animal Production L2	L2	1,772	1,251	633	50.6
Applied Accounting L2	L2	12,085	7,841	2,690	34.3
Art and Science of Teaching L2	L2	470	303	95	31.4
Automotive Repair and Maintenance L2	L2	5,555	3,658	2,104	57.5
Business Practice L2	L2	13,344	9,051	8,096	89.5
Carpentry and Roof Work L2	L2	2,476	1,651	601	36.4
Client Service and Human Relations L2	L2	7,914	5,430	3,161	58.2
Concrete Structures L2	L2	266	179	69	38.6
Construction Material L2	L2	1	1	0	0.0
Construction Planning L2	L2	7,035	4,818	1,822	37.8
Consumer Behaviour L2	L2	2,827	1,761	1,017	57.8
Contact Centre Operations L2	L2	3,286	1,968	1,225	62.3
·	_	147		30	31.9
Criminology L2	L2		94		
Early Childhood Development L2	L2	472	340	176	51.8
Economic Environment L2	L2	6,225	4,355	1,547	35.5
Electrical Principles & Practice L2	L2	14,455	10,634	2,362	22.2
Electrical Systems & Construction L2	L2	13,933	9,706	4,845	49.9
Electro Technology L2	L2	419	327	155	47.4
Electronic Control and Digital Electronics L2	L2 L2	15,897	10,491	3,929	37.5 23.9
Electronics L2 Engineering Fabrication L2	L2	8,009 2,984	4,779 1,806	1,142 788	43.6
Engineering Fundamentals L2	L2	14,050	8,970	5,479	61.1
Engineering Systems L2	L2	14,196	9,480	3,339	35.2
Engineering Technology L2	L2	14,341	9,554	4,568	47.8
English First Additional Language L2	L2	80,394	52,715	38,347	72.7
Entrepreneurship L2	L2	9,401	5,849	2,199	37.6
Financial Management L2	L2	10,625	7,345	3,403	46.3
Fitting and Turning L2	L2	4,926	3,180	1,166	36.7
Food Preparation L2	L2	3,720	2,574	1,546	60.1
Hospitality Generics L2	L2	3,809	2,604	1,596	61.3
Hospitality Services L2	L2	3,688	2,489	1,776	71.4
Human and Social Development L2	L2	470	306	124	40.5
Introduction to Computers L2	L2	490	327	186	56.9
Introduction to Governance L2	L2	2,147	1,428	645	45.2
Introduction to Information Systems L2	L2	7,349	4,695	2,585	55.1
Introduction to Law L2	L2	2,127	1,499	474	31.6
Introduction to Policing Practices L2	L2	2,064	1,459	1,000	68.5
Introduction to Systems Development L2	L2	7,536	4,139	725	17.5
Isixhosa Eerste Addisionele Taal L2	L2	14	0	0	0.0

Subject description	Level	Entered	Wrote	Pass	Pass% (Wrote)
Learning Psychology L2	L2	475	308	101	32.8
Life Orientation L2	L2	81,092	58,291	48,127	82.6
Management Practice L2	L2	4,789	3,124	1,225	39.2
Manual Manufacturing L2	L2	416	336	234	69.6
Marketing Communication L2	L2	4,060	2,827	1,821	64.4
Marketing L2	L2	4,192	2,837	1,254	44.2
Masonry L2	L2	2,472	1,597	358	22.4
Materials L2	L2	7,053	5,007	1,353	27.0
Mathematical Literacy L2	L2	45,635	32,008	18,613	58.2
Mathematics L2	L2	42,345	30,975	10,171	32.8
Mechatronic Systems L2	L2	415	333	147	44.1
New Venture Creation L2	L2	11,125	7,697	5,522	71.7
Office Data Processing L2	L2	15,130	10,251	7,839	76.5
Office Practice L2	L2	13,186	9,468	8,022	84.7
Operations Management L2	L2	4,608	3,100	1,610	51.9
Physical Science L2	L2	2,202	1,376	516	37.5
Plant and Equipment L2	L2	6,901	4,916	1,499	30.5
Plant Production L2	L2	1,708	1,137	639	56.2
Plumbing L2	L2	1,518	1,094	513	46.9
Principles of Criminal Justice L2	L2	2,108	1,452	770	53.0
Refrigeration Principles L2	L2	50	32	10	31.3
Roads L2	L2	283	196	117	59.7
Science of Tourism L2	L2	4,117	2,793	1,632	58.4
Soil Science L2	L2	1,706	1,214	792	65.2
Sustainable Tourism in SA L2	L2	4,044	2,801	1,504	53.7
Tourism Operations L2	L2	3,999	2,747	1,901	69.2
Welding L2	L2	618	371	99	26.7
Workshop Practice L2	L2	13,957	9,591	2,967	30.9
Advertising and Promotions L3	L3	1,002	795	475	59.8
Afrikaans First Additional Language L3	L3	457	353	330	93.5
Agribusiness L3	L3	550	477	403	84.5
Animal Production L3	L3	572	498	273	54.8
Applied Accounting L3	L3	3,809	2,897	1,731	59.8
Automotive Repair and Maintenance L3	L3	1,761	1,265	808	63.9
Business Practice L3	L3	4,316	3,406	2,181	64.0
Client Service and Human Relations L3	L3	1,951	1,585	1,320	83.3
Computer Hardware and Software L3	L3	2,057	1,467	567	38.7
Concrete Structures L3	L3	87	60	54	90.0
Construction Carpentry and Roof Work L3	L3	567	441	301	68.3
Construction Masonry and Tiling L3	L3	537	394	232	58.9
Construction Material L3	L3	1,754	1,328	666	50.2

Subject description Level Entered Wrote Pass Pass% (Wrote) Construction Plant and Equipment L3 L3 1,741 1,382 1,022 74.0 Construction Plumbing L3 L3 402 283 202 71.4 Consumer Behaviour L3 L3 813 575 419 72.9 Contact Centre Operations L3 L3 688 438 333 76.0 Criminal Justice Structures and Mandates L3 L3 305 265 232 87.6 Criminal Law L3 L3 306 269 194 72.1 Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,758 2,909 1
Construction Plumbing L3 L3 402 283 202 71.4 Consumer Behaviour L3 L3 813 575 419 72.9 Contact Centre Operations L3 L3 688 438 333 76.0 Criminal Justice Structures and Mandates L3 L3 305 265 232 87.6 Criminal Law L3 L3 306 269 194 72.1 Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Sheet Metal Work L3 L3
Consumer Behaviour L3 L3 813 575 419 72.9 Contact Centre Operations L3 L3 688 438 333 76.0 Criminal Justice Structures and Mandates L3 L3 305 265 232 87.6 Criminal Law L3 L3 306 269 194 72.1 Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Engineering Fabrication - Boiler Making L3 L3 4,426 <
Contact Centre Operations L3 L3 688 438 333 76.0 Criminal Justice Structures and Mandates L3 L3 305 265 232 87.6 Criminal Law L3 L3 306 269 194 72.1 Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,758 2,909 1,748 60.1 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work
Criminal Justice Structures and Mandates L3 L3 305 265 232 87.6 Criminal Law L3 L3 306 269 194 72.1 Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Criminal Law L3 L3 306 269 194 72.1 Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Criminology L3 L3 6 3 2 66.7 Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Drawings, Setting Out, Quantities and Costing L3 L3 1,789 1,394 773 55.5 Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Economic Environment L3 L3 1,803 1,452 699 48.1 Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Electrical Principles and Practice L3 L3 3,840 2,926 1,288 44.0 Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Electrical Systems & Construction L3 L3 3,366 2,641 1,929 73.0 Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Electrical Workmanship L3 L3 3,758 2,909 1,748 60.1 Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Electronic Control and Digital Electronics L3 L3 4,405 3,292 1,013 30.8 Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Eng Graphics & Design L3 L3 4,426 2,401 1,544 64.3 Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Engineering Fabrication - Boiler Making L3 L3 887 606 363 59.9 Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Engineering Fabrication - Sheet Metal Work L3 L3 42 10 9 90.0
Engineering Fabrication L3 L3 58 1 0 0.0
Engineering Practice and Maintenance L3 L3 4,461 3,122 1,468 47.0
English First Additional Language L3 L3 22,158 17,591 14,438 82.1
Financial Management L3 L3 2,991 2,391 1,376 57.6
Fitting and Turning L3
Food Preparation L3
Governance L3
Hospitality Generics L3 L3 983 778 437 56.2
Hospitality Services L3 L3 977 734 628 85.6
Isixhosa First Additional Language L3 L3 7 0 0.0
Life Orientation L3
Management Practice L3
Marketing Communication L3 L3 1,003 781 518 66.3
Marketing L3 1,007 806 422 52.4
Material Technology L3 L3 4,466 3,089 1,110 35.9
Mathematical Literacy L3 L3 12,114 9,465 6,947 73.4
Mathematics L3
New Venture Creations L3 L3 2,986 2,339 1,945 83.2
Office Data Processing L3
Office Practice L3
Operations Management L3 L3 1,138 894 675 75.5
Physical Science L3 L3 557 385 127 33.0
Plant Production L3
Principles of Computer Programming L3 L3 2,082 1,491 185 12.4
Project Management L3 L3 2,779 1,988 1,071 53.9
Roads L3 109 100 81 81.0

Subject description	Level	Entered	Wrote	Pass	Pass% (Wrote)
Science of Tourism L3	L3	966	769	649	84.4
Soil Science L3	L3	563	492	379	77.0
Sustainable Tourism in SA and Regional Travel L3	L3	954	740	612	82.7
System Analysis and Design L3	L3	2,101	1,513	418	27.6
Theory of Policing Practices L3	L3	299	258	152	58.9
Tourism Operations L3	L3	988	800	555	69.4
Welding L3	L3	37	28	21	75.0
Advanced Plant Production L4	L4	146	141	108	76.6
Advertising and Promotions L4	L4	370	292	157	53.8
Afrikaans First Additional Language L4	L4	152	131	127	97.0
Agribusiness L4	L4	143	132	122	92.4
Animal Production L4	L4	146	140	118	84.3
Applied Accounting L4	L4	777	658	349	53.0
Applied Engineering Technology L4	L4	889	739	656	88.8
Automotive Repair and Maintenance L4	L4	329	241	208	86.3
Business Practice L4	L4	1,016	896	749	83.6
Civil and Construction Technology L4	L4	384	101	58	57.4
Client Services and Human Relations L4	L4	568	496	424	85.5
Computer Programming L4	L4	306	236	84	35.6
Construction Material L4	L4	412	52	22	42.3
Construction Supervision L4	L4	410	80	50	62.5
Consumer Behaviour L4	L4	253	200	88	44.0
Contact Centre Operations L4	L4	136	117	106	90.6
Data Communication and Networking L4	L4	305	230	150	65.2
Drawings, Setting Out, Quantities and Costing L4	L4	409	266	153	57.5
Economic Environment L4	L4	489	255	121	47.5
Electrical Principles and Practice L4	L4	642	547	371	67.8
Electrical Systems and Construction L4	L4	604	519	318	61.3
Electrical Workmanship L4	L4	646	552	462	83.7
Electronic Control and Digital Electronics L4	L4	755	640	366	57.2
Engineering Fabrication - Boiler Making L4	L4	183	110	89	80.9
Engineering Fabrication - Sheet Metal Work L4	L4	101	5	2	40.0
Engineering Processes L4	L4	907	747	633	84.7
English First Additional Language L4	L4	4,956	4,428	4,144	93.6
Farm Planning and Mechanisation L4	L4	146	141	103	73.1
Financial Management L4	L4	706	419	304	72.6
Fitting and Turning L4	L4	382	285	239	83.9
Food Preparation L4	L4	292	250	181	72.4
Hospitality Generics L4	L4	293	235	136	57.9
Hospitality Services L4	L4	292	219	197	90.0
Life Orientation L4	L4	5,054	4,252	4,066	95.6
Management Practice L4	L4	233	185	138	74.6

Subject description	Level	Entered	Wrote	Pass	Pass% (Wrote)
Marketing Communication L4	L4	370	292	237	81.2
Marketing L4	L4	370	293	190	64.9
Mathematical Literacy L4	L4	2,963	2,672	2,352	88.0
Mathematics L4	L4	2,100	1,596	832	52.1
New Venture Creation L4	L4	750	623	548	88.0
Office Data Processing L4	L4	1,112	965	753	78.0
Office Practice L4	L4	1,018	891	844	94.7
Operations Management L4	L4	228	171	138	80.7
Personal Assistance L4	L4	378	348	225	64.7
Physical Science L4	L4	114	76	38	50.0
Professional Engineering Practice L4	L4	892	736	626	85.1
Project Management L4	L4	332	255	165	64.7
Science of Tourism L4	L4	275	250	241	96.4
Sustainable Tourism in SA & Internat Travel L4	L4	274	251	218	86.9
System Analysis and Design L4	L4	306	241	132	54.8
Tourism Operations L4	L4	275	257	209	81.3
	TOTAL	785,392	554,342	331,040	59.7

6.2 OVERALL PROVINCIAL AND COLLEGE RESULTS

The following tables provide an indication of the overall performance per province and public FET College respectively in the General Studies, Natural Sciences Studies and NC (V) programmes.

6.2.1 GENERAL STUDIES 2009

	Enrol	Wrote	Passed%
WESTERN CAPE EDUCATION DEPARTMENT	63333	53390	70
Not registered under a FET college	993	553	63
101000000 WEST COAST PUBLIC FET COLLEGE	2437	1883	70
102000000 BOLAND PUBLIC FET COLLEGE	18970	16629	76
103000000 SOUTH CAPE PUBLIC FET COLLEGE	4256	3791	75
104000000 NORTHLINK COLLEGE	15508	13287	68
105000000 COLLEGE OF CAPE TOWN	9958	8301	67
106000000 FALSE BAY PUBLIC FET COLLEGE	4498	3345	67

	Enrol	Wrote	Passed%
NORTHERN CAPE EDUCATION DEPARTMENT	14546	12688	62
Not registered under a FET college	49	45	84
201000000 URBAN PUBLIC FET COLLEGE	7277	6591	57
202000000 RURAL PUBLIC FET COLLEGE	5186	4306	70

	Enrol	Wrote	Passed%
FREE STATE EDUCATION DEPARTMENT	44811	39815	62
Not registered under a FET college	312	169	13
301000000 GOLDFIELDS FET COLLEGE	8040	7180	68
302000000 MOTHEO FET COLLEGE	16076	14237	63
303000000 MALUTI FET COLLEGE	11288	10213	58
304000000 FLAVIUS MAREKA FET COLLEGE	6123	5527	57

	Enrol	Wrote	Passed%
EASTERN CAPE EDUCATION DEPARTMENT	54298	45061	50
Not registered under a FET college	2313	1632	38
401000000 PORT ELIZABETH PUBLIC FET COLLEGE	7152	6339	62
402000000 EASTCAPE MIDLANDS PUBLIC FET COLLEGE	4108	3539	64
403000000 BUFFALO CITY PUBLIC FET COLLEGE	8493	7549	59
404000000 LOVEDALE PUBLIC FET COLLEGE	2719	2579	54
405000000 KING SABATADALINDYEBO PUBLIC FET COLLEGE	10190	8541	36
406000000 INGWE PUBLIC FET COLLEGE	4102	2723	40
407000000 IKHALA PUBLIC FET COLLEGE	5659	4665	48
408000000 KING HINTSA PUBLIC FET COLLEGE	1030	855	43

	Enrol	Wrote	Passed%
KWAZULU-NATAL EDUCATION DEPARTMENT	90186	78697	59
Not registered under a FET college	26931	22318	37
501000000 MTHASHANA FET COLLEGE	8115	7053	62
502000000 UMFOLOZI FET COLLEGE	7125	6527	65
503000000 MAJUBA FET COLLEGE	9661	8872	61
504000000 MNAMBITHI FET COLLEGE	2902	2612	59

	Enrol	Wrote	Passed%
KWAZULU-NATAL EDUCATION DEPARTMENT	90186	78697	59
Not registered under a FET college	26931	22318	37
501000000 MTHASHANA FET COLLEGE	8115	7053	62
502000000 UMFOLOZI FET COLLEGE	7125	6527	65
503000000 MAJUBA FET COLLEGE	9661	8872	61
504000000 MNAMBITHI FET COLLEGE	2902	2612	59
505000000 ELANGENI COLLEGE FOR FET	2648	2425	60
506000000 COASTAL KZN F.E.T. COLLEGE	7860	7094	58
507000000 THEKWINI FET COLLEGE	12316	11065	59
508000000 UMGUNGUNDLOVU FET COLLEGE	12659	11515	70
509000000 ESAYIDI FET COLLEGE	12226	9845	57

	Enrol	Wrote	Passed%
MPUMALANGA EDUCATION DEPARTMENT	17118	14617	58
Not registered under a FET college	2919	2127	51
601000000 EHLANZENI PUBLIC FET COLLEGE	1924	1555	45
602000000 NKANGALA PUBLIC FET COLLEGE	7134	6515	56
603000000 GERT SIBANDE PUBLIC FET COLLEGE	5141	4420	71

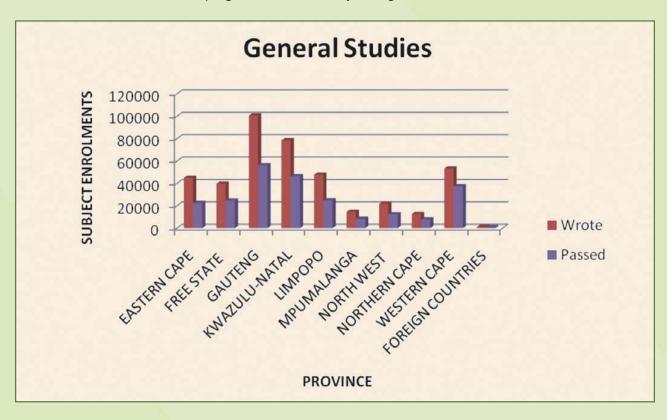
	Enrol	Wrote	Passed%
NORTHERN PROVINCE EDUCATION DEPARTMENT	55543	47841	52
Not registered under a FET college	21832	17589	52
701000000 LEPHALALE FET COLLEGE	3009	2252	59
702000000 CAPRICORN FET COLLEGE	3322	2975	48
703000000 WATERBERG FET COLLEGE	1540	1338	64
704000000 VHEMBE FET COLLEGE	7293	6874	47
705000000 MOPANI SOUTH EAST FET COLLEGE	8060	6849	44
706000000 LETABA FET COLLEGE	2009	1839	64
707000000 SEKHUKHUNE FET COLLEGE	8478	8125	58

	Enrol	Wrote	Passed%
GAUTENG EDUCATION DEPARTMENT	119404	100741	56
Not registered under a FET college	21760	14706	46
801000000 TSHWANE SOUTH PUBLIC FET COLLEGE	8374	7764	55
802000000 TSHWANE NORTH COLLEGE FOR FET	26586	23871	53
803000000 EKURHULENI WEST PUBLIC FET COLLEGE	8731	8261	64
804000000 EKURHULENI EAST PUBLIC FET COLLEGE	7216	6130	63
805000000 SOUTH WEST GAUTENG COLLEGE	21941	18193	57
806000000 CENTRAL JOHANNESBURG PUBLIC FET COLLEG	10919	9606	56
807000000 WESTERN PUBLIC FET COLLEGE	3501	2982	69
808000000 SEDIBENG PUBLIC FET COLLEGE	10376	9228	59

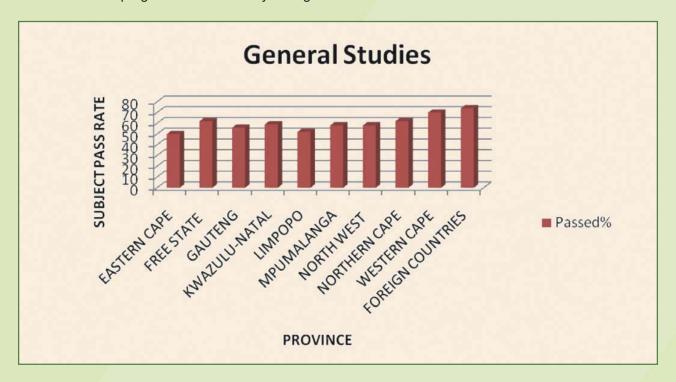
	Enrol	Wrote	Passed%
NORTH WEST EDUCATION DEPARTMENT	24202	21751	58
Not registered under a FET college	706	548	58
901000000 TALETSO FET COLLEGE	8653	8086	54
902000000 VUSELELA FET COLLEGE	6876	6201	65
903000000 ORBIT FET COLLEGE	7967	6916	58

	Enrol	Wrote	Passed%
FOREIGN COUNTRIES	1308	1141	74
1099995037 U-TECH TECHNICAL&COMMERCIAL HIGH SCHOOL	1219	1072	73
1099995043 NAMIBIAN INSTITUTE OF MINING &TECHNOLOG	82	65	92
1099995044 PIONIER BOYS SCHOOL	3	2	50
1099995099 S.A.EMBASSY IN SAUDI ARABIA(RIYADH)	4	2	100

The following graph displays the number of subject passes per province vis-a-vis the number of candidates that wrote the General Studies programmes collectively during 2009.



The following graph displays the percentage of subject passes per province for candidates that wrote the General Studies programmes collectively during 2009.



6.2.2 NATURAL SCIENCES STUDIES 2009

	Enrol	Wrote	Passed%
WESTERN CAPE EDUCATION DEPARTMENT	19980	15909	51
Not registered under a FET college	993	553	63
101000000 WEST COAST PUBLIC FET COLLEGE	438	268	38
102000000 BOLAND PUBLIC FET COLLEGE	92	69	42
103000000 SOUTH CAPE PUBLIC FET COLLEGE	219	115	37
104000000 NORTHLINK COLLEGE	9032	7004	51
105000000 COLLEGE OF CAPE TOWN	9175	7881	52
106000000 FALSE BAY PUBLIC FET COLLEGE	31	19	10

	Enrol	Wrote	Passed%
NORTHERN CAPE EDUCATION DEPARTMENT	5846	4899	44
Not registered under a FET college	49	45	84
201000000 URBAN PUBLIC FET COLLEGE	1568	1255	34
202000000 RURAL PUBLIC FET COLLEGE	4229	3599	48

	Enrol	Wrote	Passed%
FREE STATE EDUCATION DEPARTMENT	22722	19919	39
Not registered under a FET college	312	169	13
301000000 GOLDFIELDS FET COLLEGE	3662	3030	33
302000000 MOTHEO FET COLLEGE	8629	7653	39
303000000 MALUTI FET COLLEGE	2897	2596	43
304000000 FLAVIUS MAREKA FET COLLEGE	7222	6471	41

	Enrol	Wrote	Passed%
EASTERN CAPE EDUCATION DEPARTMENT	28315	22764	39
Not registered under a FET college	2313	1632	38
401000000 PORT ELIZABETH PUBLIC FET COLLEGE	6614	5594	43
402000000 EASTCAPE MIDLANDS PUBLIC FET COLLEGE	3158	2518	36
403000000 BUFFALO CITY PUBLIC FET COLLEGE	9037	7929	42
405000000 KING SABATADALINDYEBO PUBLIC FET COLLE	6068	4440	31
406000000 INGWE PUBLIC FET COLLEGE	697	295	29
407000000 IKHALA PUBLIC FET COLLEGE	61	40	30
408000000 KING HINTSA PUBLIC FET COLLEGE	367	316	20

	Enrol	Wrote	Passed%
KWAZULU NATAL EDUCATION DEPARTMENT	103874	90116	44
Not registered under a FET college	26931	22318	37
501000000 MTHASHANA FET COLLEGE	5203	4586	40
502000000 UMFOLOZI FET COLLEGE	9516	8002	41
503000000 MAJUBA FET COLLEGE	16238	14864	46
504000000 MNAMBITHI FET COLLEGE	473	374	37
505000000 ELANGENI COLLEGE FOR FET	1753	1444	46
506000000 COASTAL KZN F.E.T. COLLEGE	27340	24574	50
507000000 THEKWINI FET COLLEGE	10800	9162	46
508000000 UMGUNGUNDLOVU FET COLLEGE	3212	2865	51
509000000 ESAYIDI FET COLLEGE	2408	1927	42

	Enrol	Wrote	Passed%
MPUMALANGA EDUCATION DEPARTMENT	40075	31698	45
Not registered under a FET college	12928	10041	51
601000000 EHLANZENI PUBLIC FET COLLEGE	1103	707	31
602000000 NKANGALA PUBLIC FET COLLEGE	19863	16367	44
603000000 GERT SIBANDE PUBLIC FET COLLEGE	6181	4583	38

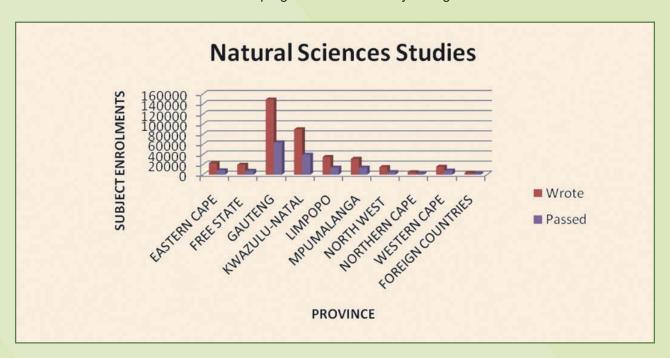
	Enrol	Wrote	Passed%
NORTHERN PROVINCE EDUCATION DEPARTMENT	42017	35134	40
Not registered under a FET college	13500	9688	37
701000000 LEPHALALE FET COLLEGE	5356	4540	40
702000000 CAPRICORN FET COLLEGE	7674	7060	44
703000000 WATERBERG FET COLLEGE	17	13	23
704000000 VHEMBE FET COLLEGE	9512	8805	40
705000000 MOPANI SOUTH EAST FET COLLEGE	2735	2158	31
706000000 LETABA FET COLLEGE	77	62	43
707000000 SEKHUKHUNE FET COLLEGE	3146	2808	43

	Enrol	Wrote	Passed%
GAUTENG EDUCATION DEPARTMENT	174767	149225	43
Not registered under a FET college	38520	28886	36
801000000 TSHWANE SOUTH PUBLIC FET COLLEGE	45570	40877	44
802000000 TSHWANE NORTH COLLEGE FOR FET	16281	14652	40
803000000 EKURHULENI WEST PUBLIC FET COLLEGE	19991	18537	50
804000000 EKURHULENI EAST PUBLIC FET COLLEGE	4887	4125	44
805000000 SOUTH WEST GAUTENG COLLEGE	7577	6062	46
806000000 CENTRAL JOHANNESBURG PUBLIC FET COLLEG	25621	23035	46
807000000 WESTERN PUBLIC FET COLLEGE	9329	7038	35
808000000 SEDIBENG PUBLIC FET COLLEGE	6991	6013	53

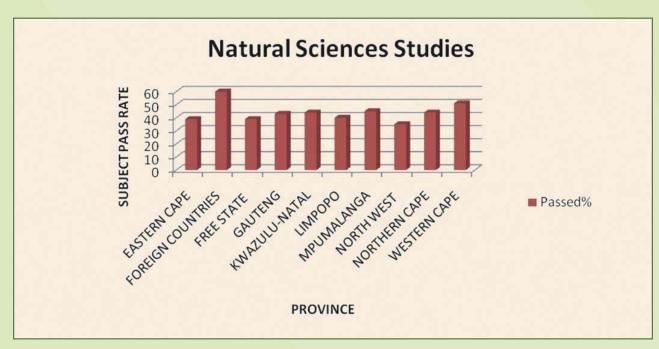
	Enrol	Wrote	Passed%
NORTH WEST EDUCATION DEPARTMENT	18801	15096	35
Not registered under a FET college	257	226	37
901000000 TALETSO FET COLLEGE	2460	2053	30
902000000 VUSELELA FET COLLEGE	5831	4538	35
903000000 ORBIT FET COLLEGE	10253	8279	35

	Enrol	Wrote	Passed%
FOREIGN COUNTRIES	4065	3580	60
1099995037 U-TECH TECHNICAL&COMMERCIAL HIGH SCHOOL	2361	2037	54
1099995043 NAMIBIAN INSTITUTE OF MINING &TECHNOLOG	1116	1050	76
1099995044 PIONIER BOYS SCHOOL	356	289	52
1099995048 NAMDEB DIAMOND CORP. TRAINING & DEV. T/	14	13	46
1099995049 KEETMANSHOOP PRIVATE SCHOOL	115	95	57
1099995053 SOUTH AFRICAN EMBASSY IN BERLIN	2	0	0
1099995058 ROSH PINAH MINE: NAMIBIA	101	96	54

The following graph displays the number of subject passes per province vis-a-vis the number of candidates that wrote the Natural Sciences Studies programmes collectively during 2009.



The following graph displays the percentage of subject passes per province for candidates that wrote the Natural Sciences Studies programmes collectively during 2009.



6.2.3 NATIONAL CERTIFICATE (VOCATIONAL) 2009

	Enrol	Wrote	Passed%
WESTERN CAPE	76430	50083	70
Not registered under a FET college	6083	3665	77
WEST COAST PUBLIC FET COLLEGE	15997	9218	66
BOLAND PUBLIC FET COLLEGE	10708	8135	70
SOUTH CAPE PUBLIC FET COLLEGE	9921	5768	76
NORTHLINK COLLEGE	8959	4410	68
COLLEGE OF CAPE TOWN	13294	9782	73
FALSE BAY PUBLIC FET COLLEGE	11468	9105	66

	Enrol	Wrote	Passed%
NORTHERN CAPE	14988	9279	62
Not registered under a FET college	1103	938	59
URBAN PUBLIC FET COLLEGE	5446	3810	54
RURAL PUBLIC FET COLLEGE	8439	4531	69

	Enrol	Wrote	Passed%
FREE STATE	30586	20097	53
Not registered under a FET college	1435	906	59
GOLDFIELDS FET COLLEGE	2405	1987	60
MOTHEO FET COLLEGE	11176	7003	53
MALUTI FET COLLEGE	8737	5893	51
FLAVIUS MAREKA FET COLLEGE	6833	4308	50

	Enrol	Wrote	Passed%
EASTERN CAPE	79014	57410	53
Not registered under a FET college	2938	1509	51
PORT ELIZABETH PUBLIC FET COLLEGE	17163	12798	70
EASTCAPE MIDLANDS PUBLIC FET COLLEGE	10963	7804	69
BUFFALO CITY PUBLIC FET COLLEGE	12417	9518	51
LOVEDALE PUBLIC FET COLLEGE	6085	4337	56
KING SABATADALINDYEBO PUBLIC FET COLLE	8780	6803	29
INGWE PUBLIC FET COLLEGE	8905	5775	38
IKHALA PUBLIC FET COLLEGE	5724	3989	52
KING HINTSA PUBLIC FET COLLEGE	6039	4877	41

	Enrol	Wrote	Passed%
KWAZULU NATAL	139722	96502	57
Not registered under a FET college	1143	840	44
MTHASHANA FET COLLEGE	6771	5205	62
UMFOLOZI FET COLLEGE	15436	10671	63
MAJUBA FET COLLEGE	30764	20930	56
MNAMBITHI FET COLLEGE	7002	4643	48
ELANGENI COLLEGE FOR FET	14736	11114	60
COASTAL KZN F.E.T. COLLEGE	30156	20946	58
THEKWINI FET COLLEGE	13499	8051	49
UMGUNGUNDLOVU FET COLLEGE	8523	6112	49
ESAYIDI FET COLLEGE	11692	7990	57

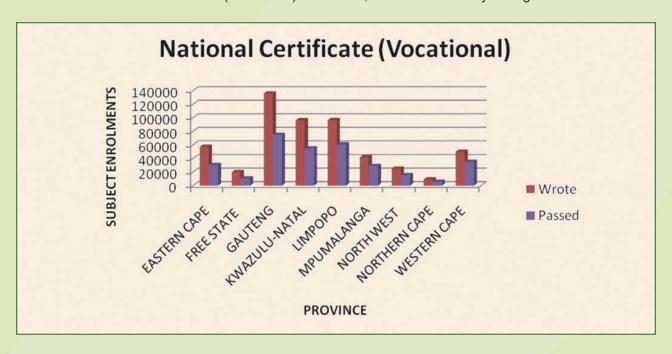
	Enrol	Wrote	Passed%
MPUMALANGA	56201	41857	69
Not registered under a FET college	586	218	49
EHLANZENI PUBLIC FET COLLEGE	14117	11060	68
NKANGALA PUBLIC FET COLLEGE	23312	16535	68
GERT SIBANDE PUBLIC FET COLLEGE	18186	14044	72

	Enrol	Wrote	Passed%
LIMPOPO	123293	96667	63
Not registered under a FET college	2233	1587	42
LEPHALALE FET COLLEGE	6637	2411	73
CAPRICORN FET COLLEGE	29249	22707	66
WATERBERG FET COLLEGE	14002	11826	64
VHEMBE FET COLLEGE	19116	16651	56
MOPANI SOUTH EAST FET COLLEGE	28847	22897	63
LETABA FET COLLEGE	11502	9428	78
SEKHUKHUNE FET COLLEGE	11707	9160	49

	Enrol	Wrote	Passed%
GAUTENG	204247	135990	55
Not registered under a FET college	22273	11472	55
TSHWANE SOUTH PUBLIC FET COLLEGE	20856	16994	56
TSHWANE NORTH COLLEGE FOR FET	24653	14148	51
EKURHULENI WEST PUBLIC FET COLLEGE	30224	22414	56
EKURHULENI EAST PUBLIC FET COLLEGE	21397	14419	51
SOUTH WEST GAUTENG COLLEGE	35544	19699	49
CENTRAL JOHANNESBURG PUBLIC FET COLLEG	10859	6917	51
WESTERN PUBLIC FET COLLEGE	7416	5006	56
SEDIBENG PUBLIC FET COLLEGE	31025	24921	62

	Enrol	Wrote	Passed%
NORTH WEST	33607	25082	62
Not registered under a FET college	109	33	87
TALETSO FET COLLEGE	11075	8825	51
VUSELELA FET COLLEGE	15968	11476	64
ORBIT FET COLLEGE	33607	25082	62

The following graph displays the number of subject passes per province vis-a-vis the number of candidates that wrote the National Certificate (Vocational) on Level 2, 3 and 4 collectively during 2009.



The following graph displays the percentage of subject passes per province for candidates that wrote the National Certificate (Vocational) on Level 2, 3 and 4 collectively during 2009.



6.3 NC (V) SUBJECT RESULTS PER PROGRAMME

The following tables provide a breakdown of student performance in the core and optional subjects per level per programme. Students are required to offer all 3 core subjects (highlighted in the table) in a programme.

LEVEL 2				
FUNDAMENTALS				
Instructional offering description	Entered	Wrote	Pass	Pass%
Afrikaans FAL L2	1,196	774	597	77.1
English FAL L2	80,394	52,715	38,347	72.7
Isixhosa FAL L2	14	0	0	0.0
Life Orientation L2	81,092	58,291	48,127	82.6
Mathematical Literacy L2	45,635	32,008	18,613	58.2
Mathematics L2	42,345	30,975	10,171	32.8

PROGRAMME: Civil Engineering & Building Construction					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Construction Planning L2	7,035	4,818	1,822	37.8	
Materials L2	7,053	5,007	1,353	27.0	
Plant and Equipment L2	6,901	4,916	1,499	30.5	
Carpentry and Roof Work L2	2,476	1,651	601	36.4	
Concrete Structures L2	266	179	69	38.6	
Masonry L2	2,472	1,597	358	22.4	
Physical Science L2	2,202	1,376	516	37.5	
Plumbing L2	1,518	1,094	513	46.9	
Roads L2	283	196	117	59.7	

PROGRAMME: Education and Development				
Instructional offering description	Entered	Wrote	Pass	Pass%
Art and Science of Teaching L2	470	303	95	31.35
Human and Social Development L2	470	306	124	40.52
Learning Psychology L2	475	308	101	32.79
Early Childhood Development L2	472	340	176	51.8

PROGRAMME: Electrical Infrastructure Construction					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Electrical Principles & Practice L2	14455	10634	2362	22.21	
Electronic Control and Digital Electronics L2	15897	10491	3929	37.45	
Workshop Practice L2	13957	9591	2967	30.94	
Electrical Systems & Construction L2	13,933	9,706	4,845	49.9	
Physical Science L2	2,202	1,376	516	37.5	

PROGRAMME: Engineering & Related Design					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Engineering Fundamentals L2	14050	8970	5479	61.08	
Engineering Systems L2	14196	9480	3339	35.22	
Engineering Technology L2	14,341	9,554	4,568	47.8	
Automotive Repair and Maintenance L2	5,555	3,658	2,104	57.5	
Engineering Fabrication L2	2,984	1,806	788	43.6	
Fitting and Turning L2	4,926	3,180	1,166	36.7	
Physical Science L2	2,202	1,376	516	37.5	
Refrigeration Principles L2	50	32	10	31.3	
Welding L2	618	371	99	26.68	

PROGRAMME: Finance, Economics and Accounting					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Applied Accounting L2	12085	7841	2690	34.31	
Economic Environment L2	6225	4355	1547	35.52	
Financial Management L2	10625	7345	3403	46.33	
New Venture Creation L2	11,125	7,697	5,522	71.7	

PROGRAMME: Hospitality				
Instructional offering description	Entered	Wrote	Pass	Pass%
Client Service and Human Relations L2	7914	5430	3161	58.21
Food Preparation L2	3720	2574	1546	60.06
Hospitality Generics L2	3809	2604	1596	61.29
Hospitality Services L2	3,688	2,489	1,776	71.4

PROGRAMME: Information Technology & Computer Science						
Instructional offering description	Entered	Wrote	Pass	Pass%		
Electronics L2	8009	4779	1142	23.9		
Introduction to Information Systems L2	7349	4695	2585	55.06		
Introduction to Systems Development L2	7536	4139	725	17.52		
Contact Centre Operations L2	3,286	1,968	1,225	62.3		

PROGRAMME: Management					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Financial Management L2	10625	7345	3403	46.33	
Management Practice L2	4789	3124	1225	39.21	
Operations Management L2	4608	3100	1610	51.94	
Entrepreneurship L2	9,401	5,849	2,199	37.6	

PROGRAMME: Marketing				
Instructional offering description	Entered	Wrote	Pass	Pass%
Advertising and Promotions L2	4,158	2,851	849	29.8
Marketing L2	4,192	2,837	1,254	44.2
Marketing Communication L2	4,060	2,827	1,821	64.4
Consumer Behaviour L2	2,827	1,761	1,017	57.8
Contact Centre Operations L2	3,286	1,968	1,225	62.3

PROGRAMME: Mechatronics				
Instructional offering description	Entered	Wrote	Pass	Pass%
Electro Technology L2	419	327	155	47.4
Introduction to Computers L2	490	327	186	56.88
Manual Manufacturing L2	416	336	234	69.64
Mechatronic Systems L2	415	333	147	44.1

PROGRAMME: Office Administration					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Business Practice L2	13344	9051	8096	89.45	
Office Data Processing L2	15130	10251	7839	76.47	
Office Practice L2	13186	9468	8022	84.73	
Applied Accounting L2	12,085	7,841	2,690	34.3	
New Venture Creation L2	11,125	7,697	5,522	71.7	

PROGRAMME: Primary Agriculture				
Instructional offering description	Entered	Wrote	Pass	Pass%
Animal Production L2	1772	1251	633	50.6
Plant Production L2	1708	1137	639	56.2
Soil Science L2	1706	1214	792	65.24
Agribusiness L2	1,746	1,276	735	57.6

PROGRAMME: Safety in Society				
Instructional offering description	Entered	Wrote	Pass	Pass%
Introduction to Governance L2	2147	1428	645	45.17
Introduction to Law L2	2127	1499	474	31.62
Principles of Criminal Justice L2	2108	1452	770	53.03
Criminology L2	147	94	30	31.9
Introduction to Policing Practices L2	2,064	1,459	1,000	68.5

PROGRAMME: Tourism				
Instructional offering description	Entered	Wrote	Pass	Pass%
Client Service and Human Relations L2	7914	5430	3161	58.21
Science of Tourism L2	4117	2793	1632	58.43
Sustainable Tourism in SA L2	4044	2801	1504	53.7
Tourism Operations L2	3,999	2,747	1,901	69.2

LEVEL 3				
FUNDAMENTALS				
Instructional offering description	Entered	Wrote	Pass	Pass%
Afrikaans First Additional Language L3	457	353	330	93.5
English First Additional Language L3	22,158	17,591	14,438	82.1
Isixhosa First Additional Language L3	7	0	0	0.0
Life Orientation L3	22,549	18,065	15,067	83.4
Mathematical Literacy L3	12,114	9,465	6,947	73.4
Mathematics L3	11,430	8,684	3,386	39.0

PROGRAMME: Civil Engineering & Building Construction						
Instructional offering description	Entered	Wrote	Pass	Pass%		
Construction Material L3	1754	1328	666	50.15		
Construction Plant and Equipment L3	1741	1382	1022	73.95		
Drawings, Setting Out, Quantities and Costing L3	1789	1394	773	55.45		
Concrete Structures L3	87	60	54	90.0		
Construction Carpentry and Roof Work L3	567	441	301	68.3		
Construction Masonry and Tiling L3	537	394	232	58.9		
Construction Plumbing L3	402	283	202	71.4		
Physical Science L3	557	385	127	33.0		
Roads L3	109	100	81	81.0		

PROGRAMME: Electrical Infrastructure Construction					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Electrical Principles and Practice L3	3840	2926	1288	44.02	
Electrical Workmanship L3	3758	2909	1748	60.09	
Electronic Control and Digital Electronics L3	4405	3292	1013	30.77	
Electrical Systems & Construction L3	3,366	2,641	1,929	73.0	
Physical Science L3	557	385	127	33.0	

PROGRAMME: Engineering & Related Design					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Engineering Graphics & Design L3	4426	2401	1544	64.31	
Engineering Practice and Maintenance L3	4461	3122	1468	47.02	
Material Technology L3	4466	3089	1110	35.93	
Automotive Repair and Maintenance L3	1,761	1,265	808	63.9	
Engineering Fabrication - Boiler Making L3	887	606	363	59.9	
Engineering Fabrication - Sheet Metal Work L3	42	10	9	90.0	
Fitting and Turning L3	1,512	1,013	444	43.8	
Physical Science L3	557	385	127	33.0	
Welding L3	37	28	21	75.0	

PROGRAMME: Finance, Economics and Accounting					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Applied Accounting L3	3809	2897	1731	59.75	
Economic Environment L3	1803	1452	699	48.14	
Financial Management L3	2991	2391	1376	57.55	
New Venture Creations L3	2,986	2,339	1,945	83.2	

PROGRAMME: Hospitality				
Instructional offering description	Entered	Wrote	Pass	Pass%
Client Service and Human Relations L3	1951	1585	1320	83.28
Food Preparation L3	985	776	518	66.75
Hospitality Generics L3	983	778	437	56.17
Hospitality Services L3	977	734	628	85.6

PROGRAMME: Information Technology & Computer Science						
Instructional offering description	Entered	Wrote	Pass	Pass%		
Computer Hardware and Software L3	2057	1467	567	38.65		
Principles of Computer Programming L3	2082	1491	185	12.41		
System Analysis and Design L3	2101	1513	418	27.63		
Contact Centre Operations L3	688	438	333	76.0		

PROGRAMME: Management				
Instructional offering description	Entered	Wrote	Pass	Pass%
Financial Management L3	2991	2391	1376	57.55
Management Practice L3	1175	899	503	55.95
Operations Management L3	1138	894	675	75.5
Project Management L3	2,779	1,988	1,071	53.9

PROGRAMME: Marketing					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Advertising and Promotions L3	1002	795	475	59.75	
Marketing L3	1007	806	422	52.36	
Marketing Communication L3	1003	781	518	66.33	
Consumer Behaviour L3	813	575	419	72.9	
Contact Centre Operations L3	688	438	333	76.0	

PROGRAMME: Office Administration					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Business Practice L3	4316	3406	2181	64.03	
Office Data Processing L3	5018	3746	1825	48.72	
Office Practice L3	4258	3337	3011	90.23	
Applied Accounting L3	3,809	2,897	1,731	59.8	
New Venture Creations L3	2,986	2,339	1,945	83.2	

PROGRAMME: Primary Agriculture				
Instructional offering description	Entered	Wrote	Pass	Pass%
Animal Production L3	572	498	273	54.82
Plant Production L3	565	493	285	57.81
Soil Science L3	563	492	379	77.03
Agribusiness L3	550	477	403	84.5

PROGRAMME: Safety in Society				
Instructional offering description	Entered	Wrote	Pass	Pass%
Criminal Justice Structures and Mandates L3	305	265	232	87.55
Criminal Law L3	306	269	194	72.12
Governance L3	307	271	147	54.24
Criminology L3	6	3	2	66.7
Theory of Policing Practices L3	299	258	152	58.9

PROGRAMME: Tourism				
Instructional offering description	Entered	Wrote	Pass	Pass%
Client Service and Human Relations L3	1951	1585	1320	83.28
Science of Tourism L3	966	769	649	84.4
Sustainable Tourism in SA and Regional Travel L3	954	740	612	82.7
Tourism Operations L3	988	800	555	69.4

LEVEL 4				
FUNDAMENTALS				
Instructional offering description	Entered	Wrote	Pass	Pass%
Afrikaans First Additional Language L4	152	131	127	97.0
English First Additional Language L4	4,956	4,428	4,144	93.6
Life Orientation L4	5,054	4,252	4,066	95.6
Mathematical Literacy L4	2,963	2,672	2,352	88.0
Mathematics L4	2,100	1,596	832	52.1

PROGRAMME: Civil Engineering & Building Construction				
Instructional offering description	Entered	Wrote	Pass	Pass%
Construction Material L4	412	52	22	42.31
Construction Supervision L4	410	80	50	62.5
Drawings, Setting Out, Quantities and Costing L4	409	266	153	57.52
Civil and Construction Technology L4	384	101	58	57.4
Physical Science L4	114	76	38	50.0

PROGRAMME: Electrical Infrastructure Construction				
Instructional offering description	Entered	Wrote	Pass	Pass%
Electrical Principles and Practice L4	642	547	371	67.82
Electrical Workmanship L4	646	552	462	83.7
Electronic Control and Digital Electronics L4	755	640	366	57.19
Electrical Systems and Construction L4	604	519	318	61.3
Physical Science L4	114	76	38	50.0

PROGRAMME: Engineering & Related Design					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Applied Engineering Technology L4	889	739	656	88.77	
Engineering Processes L4	907	747	633	84.74	
Professional Engineering Practice L4	892	736	626	85.05	
Automotive Repair and Maintenance L4	329	241	208	86.3	
Engineering Fabrication - Boiler Making L4	183	110	89	80.9	
Engineering Fabrication - Sheet Metal Work L4	101	5	2	40.0	
Fitting and Turning L4	382	285	239	83.9	
Physical Science L4	114	76	38	50.0	

PROGRAMME: Finance, Economics and Accounting				
Instructional offering description	Entered	Wrote	Pass	Pass%
Applied Accounting L4	777	658	349	53.04
Economic Environment L4	489	255	121	47.45
Financial Management L4	706	419	304	72.55
New Venture Creation L4	750	623	548	88.0

PROGRAMME: Hospitality				
Instructional offering description	Entered	Wrote	Pass	Pass%
Client Services and Human Relations L4	568	496	424	85.5
Food Preparation L4	292	250	181	72.4
Hospitality Generics L4	293	235	136	57.87
Hospitality Services L4	292	219	197	89.95

PROGRAMME: Information Technology & Computer Science					
Instructional offering description	Entered	Wrote	Pass	Pass%	
Computer Programming L4	306	236	84	35.59	
Data Communication and Networking L4	305	230	150	65.22	
System Analysis and Design L4	306	241	132	54.77	
Contact Centre Operations L4	136	117	106	90.6	

PROGRAMME: Management				
Instructional offering description	Entered	Wrote	Pass	Pass%
Financial Management L4	706	419	304	72.55
Management Practice L4	233	185	138	74.59
Operations Management L4	228	171	138	80.7
Project Management L4	332	255	165	64.7

PROGRAMME: Marketing				
Instructional offering description	Entered	Wrote	Pass	Pass%
Advertising and Promotions L4	370	292	157	53.77
Marketing Communication L4	370	292	237	81.16
Marketing L4	370	293	190	64.85
Consumer Behaviour L4	253	200	88	44.0
Contact Centre Operations L4	136	117	106	90.6

PROGRAMME: Office Administration				
Instructional offering description	Entered	Wrote	Pass	Pass%
Business Practice L4	1016	896	749	83.59
Office Data Processing L4	1112	965	753	78.03
Office Practice L4	1018	891	844	94.73
Applied Accounting L4	777	658	349	53.0
New Venture Creation L4	750	623	548	88.0
Personal Assistance L4	378	348	225	64.7

PROGRAMME: Primary Agriculture				
Instructional offering description	Entered	Wrote	Pass	Pass%
Advanced Plant Production L4	146	141	108	76.6
Animal Production L4	146	140	118	84.29
Farm Planning and Mechanisation L4	146	141	103	73.05
Agribusiness L4	143	132	122	92.4

PROGRAMME: Tourism				
Instructional offering description	Entered	Wrote	Pass	Pass%
Client Services and Human Relations L4	568	496	424	85.48
Science of Tourism L4	275	250	241	96.4
Sustainable Tourism in SA & International Travel L4	274	251	218	86.85
Tourism Operations L4	275	257	209	81.3

7. CONCLUSION

Umalusi, the Council for Quality Assurance in General and Further Education and Training, has approved all the 2009 FET College examinations results.

The Department of Higher Education and Training is preparing and will distribute NC (V) examination guidelines in 2010 to ensure that teachers and students are provided with clear guidance to prepare appropriately for future examinations.

The statistical analysis of the examination results indicates that there has been significant achievement in certain subjects and in other subjects there is room for improvement. This report will serve as the basis for the planning of improvement strategies in 2010 at national and college level.

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ISSUED IN THE REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF HIGHER EDUCATION AND TRAINING

National Examinations, Assessment and Measurement

Department of Higher Education and Training Sol Plaatje House, Pretoria, 0001 South Africa

Tel: +27 (12) 312 5911 Fax: +27 (12) 321 6770

Department of Higher Education and Training Private Bag X895,

Pretoria, 0001

Toll Free: 0800 202933 www.education.gov.za

