No. 618

13 July 2007



SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with Regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Quantity Surveying

registered by Organising Field 12, Physical Planning and Construction, publishes the following Qualification and Unit Standards for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purpose of the Qualification and Unit Standards. The full Qualification and Unit Standards can be accessed via the SAQA web-site at www.saqa.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the Qualification and Unit Standards should reach SAQA at the address below and **no later 13 August 2007.** All correspondence should be marked **Standards Setting** — **Quantity Surveying** and addressed to

The Director: Standards Setting and Development

SAQA

Attention: Mr. D. Mphuthing
Postnet Suite 248
Private Bag X06
Waterkloof
0145

or faxed to 012 – 431-5144 e-mail: dmphuthing@saga.org.za

R. S. BANKHA

DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



QUALIFICATION:

National Diploma: Quantity Surveying

maconar pipromar quantity curreying				
SAQA QUAL ID	QUALIFICATION TITLE		· · · · · · · · · · · · · · · · · · ·	
58799	National Diploma: Quantity	y Surveying		
ORIGINATOR		PROVIDER		
SGB Quantity Surveying	***			
QUALIFICATION TYPE	FIELD	SUBFIELD		
National Diploma	12 - Physical Planning and Construction	Physical Planning, Design and Management		
ABET BAND	MINIMUM CREDITS	NQF LEVEL	QUAL CLASS	
Undefined	240	Level 5	Regular-Unit Stds Based	

PURPOSE OF THE QUALIFICATION

Rationale and Purpose:

Quantity Surveying is acknowledged as an independent profession within the context of the built environment world-wide. Registered Quantity Surveying Technicians, i.e. persons who have been awarded this Diploma in Quantity Surveying and who are registered with the South African Council for the Quantity Surveying Profession in terms of the Quantity Surveying Profession Act 2000 (Act No 49 of 2000) enjoy due recognition and financial reward in terms of their specialised skills and technical competence in the application of basic technical knowledge and techniques related to quantity surveying in the Built Environment, including:

- Planning for Construction Projects.
- Project Cost Management, Procurement and Administration.
- Specialised Management Services.
- Support Competencies.

Learners are:

- Equipped to apply technical quantity surveying skills as employees, under the direction and supervision of a competent person who possesses appropriate skills and experience.
- Eligible for employment in numerous spheres of the economy, which include private sector consultancies and professional firms, public sector employment (State, provincial and local authorities), tertiary/adult basic/further education and training, financial institutions, property development enterprises, research organisations, and construction companies.
- Empowered to build their personal career paths through undertaking further learning programmes with a view to articulation towards obtaining additional qualifications associated with the built environment.

While demand for quantity surveying skills in the construction industry is influenced by economic factors, for example, capital investment in property development projects, the skills and knowledge-base acquired by holders of this qualification afford opportunities for employment in sectors other than construction, for example, manufacturing industries, retailing, and maintenance (structures of all types).

This qualification is intended to assist all relevant stakeholders and role-players, such as potential employers operating in the built environment or other fields related to physical planning and construction, curriculum developers and providers of learning programmes, all education and training bodies and relevant moderators as well as learners and their parents, to understand the notion of and criteria determining the level and the outcomes of the teaching/learning programme associated with this qualification, which is bound by discipline-specific, basic vocational knowledge and techniques related to quantity surveying and has been developed by consensus amongst a widely representative group of Knowledge Experts operating in the Built Environment who support the scope, complexity of learning and competencies to be acquired by learners undertaking this programme of study.

Typically, a programme leading to the award of a Diploma in Quantity Surveying aims to develop diplomates who will posses demonstrable, specific skills and competencies to:

- Analyse and suggest solutions to well-defined and frequently-encountered problems related to the built environment.
- Deal with basic commercial and management issues.
- Communicate effectively on all matters to which their skills and competencies have been applied.
- Use and apply information technology.
- Interpret and apply fundamental economic and legal principles.
- Execute tasks requiring numerical and quantification expertise.
- Apply knowledge of technology related to the Built Environment.

The principal purposes of this qualification are to provide learners with basic vocational knowledge, techniques, associated skills and competencies related to quantity surveying in the construction and property industries:

- Equip learners with a foundation for further intellectual development and opportunities for gainful employment and rewarding contributions to society.
- Provide the built environment professions with Diplomates who possess contextually-specific technical skills.
- Produce learners who are prepared for and understand the principles of:
- o Life-long learning.
- o Critical citizenship.
- A wide range of issues which are crucial to the welfare of society, e.g. upliftment, empowerment and transformation.
- Contribute towards a learner's capacity to meet the prerequisites for statutory registration as a Registered QS Technician with the South African Council for the Quantity Surveying Profession in terms of the Quantity Surveying Profession Act 2000 (as amended).

This qualification is for persons who meet the:

- Formal requirements for admission as candidates for the diploma (set by institutional discretion).
- Additional institution-specific requirements related to minimum access standards for particular disciplines.
- Appropriate RPL requirements which provide access to candidates who do not comply with formal prerequisites for admission.

In addition, this qualification is for persons who desire to undertake further study leading to enhancement of their qualification/s.

RECOGNIZE PREVIOUS LEARNING?

Source: National Learners' Records Database

Qualification 58799

05/07/2007

LEARNING ASSUMED IN PLACE

It is assumed that learners are already competent in the following:

- Mathematical Literacy at NQF Level 4.
- Communication at NQF Level 4.
- Physical Science at NQF Level 4.

It is important to note that learners who do not have a clear understanding of mathematics and science may have difficulty in successfully completing this qualification programme.

In addition, learners who apply for admission to this programme should be able to:

- Comprehend what they have learned.
- Communicate it reliably, accurately and comprehensively in the required medium of instruction.
- Take responsibility for their own learning progress and competence development within a wellstructured and managed learning environment.
- Evaluate their own performance.

Recognition of Prior Learning:

This Qualification may be achieved in part or completely through RPL, which includes formal, informal and non-formal learning and work experience.

Persons desiring entrance to the programme leading to the award of this qualification are:

- Advised, assisted and supported (portfolio compilation, orientation to required levels of competence, substantiation of their claims regarding prior skills/experience, planning of progression).
- Evaluated and assessed in accordance with their claims regarding prior skills and experience gained (portfolio review, implementation of assessment/evaluation methods, recommendations arising from the assessment/evaluation processes).
- Provided with quality management/assurance objectives to support the achievement of competence leading to the award of the qualification (assessment of competence in respect of required outcomes, auditing, approval, recommendation, reporting).

Access to the Qualification:

Access to this Qualification is open bearing in mind learning assumed to be in place.

QUALIFICATION RULES

All Core and Fundamental Unit Standards totalling 224 are compulsory. Learners also have to choose a minimum of 16 credits from the Elective to make a total of 240 in order to be awarded the qualification.

EXIT LEVEL OUTCOMES

- 1. Apply technical knowledge and techniques and understanding of quantity surveying practice relative to construction project development.
- 2. Demonstrate knowledge ofcore theory, practice and basic methodology used in quantity surveying and other disciplines operating in the built environment.
- 3. Display competence related to fundamental modes of inquiry employed in the practice of quantity surveying and other disciplines operating in the built environment, in response to welldefined and frequently-encountered problems.

Source: National Learners' Records Database

- 4. Interpret construction- and other domain-related issues by applying various systems of enquiry appropriate to the discipline of quantity surveying and its allied professions.
- 5. Communicate in a variety of ways within a quantity surveying environment.

Critical Cross-Field Outcomes:

This qualification promotes, in particular, the following critical cross-field outcomes:

- Identifying and solving problems in which responses display that responsible decisions using critical and creative thinking have been made when:
- o Identifying and developing component shapes for a quantity surveying activity.
- o Obtaining information where instructions or information on drawings is insufficient.
- o Identifying and pro-actively reporting on non-availability of resources and materials.
- Working effectively with others as a member of a team, group, organisation, and community during;
- o Activities involving clients, co-workers and other trades on site.
- o Communicating and receiving advice from supervisor.
- Organising and managing oneself and one's activities responsibly and effectively when:
- o Setting out the work area and preparing to fabricate and install components.
- o Performing activities in accordance with industry standards.
- Selecting quantity surveying tools and equipment in accordance with the requirements of the task.
- o Ensuring tools, equipment and quantity surveying materials are securely stored.
- Maintaining minimum quantities of quantity surveying materials in accordance with task requirements.
- Safety equipment and clothing is selected and prepared in accordance with legislative requirements.
- Collecting, analysing, organising and critically evaluating information to better understand and explain by:
- o Carrying out written site instructions issued by the client, correctly and efficiently.
- o Correctly interpreting information contained in drawings.
- o Setting out work areas from provided control positions and levels in accordance with instructions and drawings.
- Communicating effectively using visual, mathematical and/or language skills in the modes of oral and/or written persuasion when:
- o Issuing clear verbal instructions to team members.
- Actively listening to feedback received from team members.
- o Evaluating and reporting problem situations to the client.
- Using science and technology effectively and critically, showing responsibility towards the environment and health of others when:
- o By applying the appropriate tools and materials for different quantity surveying activities.
- Demonstrating an understanding of the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation when:
- The inter-relatedness of the fabrication and installation of components to quantity surveying systems.

ASSOCIATED ASSESSMENT CRITERIA

Associated Assessment Criteria for Exit Level Outcome 1:

- 1. Basic setting-out of construction works, using appropriate survey equipment, is described.
- 2. Construction drawings and specifications are interpreted accurately.
- 3. Compiling and submission of tenders for construction projects are demonstrated.
- 4. Estimates, tenders and contractual documents for construction projects are correctly analysed and interpreted programmes, budgets, strategies, facilities and information systems are compiled based on estimates, tenders and contractual documents for construction projects.
- 5. Taking off of quantities for small or simple load bearing- and framed structures and application of the information in project administration is demonstrated.
- 6. Compilation of price determination documents is explained and demonstrated.
- 7. Administrative support relative to construction projects, including recordkeeping, implementation of reporting and administrative systems and taking off quantities for interim payment certificates, is demonstrated.
- 8. Application of information contained in contract documentation for the financial and contractual management of construction projects is demonstrated.

Associated Assessment Criteria for Exit Level Outcome 2:

- 1. Development of quality systems and procedures are demonstrated in accordance with applicable construction projects.
- 2. Benefits of interaction with other role-players in achieving equitable solutions to problems encountered within the Built Environment are described.
- 3. Ways in which successful interaction with stakeholders affected by construction projects may be achieved, are identified.
- 4. Structured property-related plans, strategies and actions that benefit society in fair and equitable ways and improve the quality of community life are identified.
- 5. A range of viable solutions to frequently-encountered problems related to Built Environment projects, which include, but are not restricted to, economic and environmental protection factors, is described.

Associated Assessment Criteria for Exit Level Outcome 3:

- 1. Preparation for implementation of a construction project, including analysis of tender and estimate documentation to generate programmes, budgets, strategies, facilities and information systems, is described.
- 2. Management of procurement and allocation of construction resources, including human resources, is described.
- Measurement, management and reporting on construction activity production, productivity and resource costs is explained.
- 4. Management of the financial aspects of construction contracts, which includes but is not restricted to establishing and implementing project costing and reporting systems and reviewing the financial status of projects, is demonstrated.

Associated Assessment Criteria for Exit Level Outcome 4:

- 1. Roles and functions of various consultants and stakeholders involved in the procurement and delivery of Built Environment projects are described.
- 2. The capacity to integrate technical and construction assembly knowledge and skills, is demonstrated.
- 3. Construction projects in terms of construction methods, technologies and materials requirements, are explained.
- 4. Analysis of the principles and outcomes of their own work within current Built Environment professional practice and construction projects is demonstrated.
- 5. Development, implementation, management and monitoring procedures of on-site Health and Safety (H & S) Plans, including HIV / AIDS in the workplace, are described.

Source: National Learners' Records Database Qualification 58799 05/07/2007 Page 5 6. Awareness of ethics in the workplace is demonstrated and the need to adhere to codes of professional conduct is explained.

Associated Assessment Criteria for Exit Level Outcome 5:

- 1. Competence in both oral and written communication is demonstrated.
- 2. Effective spoken, written and interpretation skills are demonstrated relative to correspondence and reports.
- 3. Construction drawings and specifications, price determination documents and technical information related to all matters to which their skills and competence have been applied, are explained, using correct terminology.
- 4. Benefits of communication and interaction with other roleplayers encountered within the Built Environment, are explained and illustrated with examples.
- o Range: Examples include, but are not restricted to, construction assembly problems, economic, financial and contractual matters.
- 5. Computer software packages are used within the Quantity Surveying environment.

Integrated assessment:

Learning and assessment are integrated throughout the programme. Continuous formative assessment is applied to ensure that learners receive feedback on their progress towards the achievement of specific learning outcomes. Summative assessment concerned with the evaluation of the learning achievements relative to the exit-level outcomes of the qualification includes "overall integrated assessment" which evaluates the learner's ability to combine the various components and modules of the broader scope of knowledge, skills, competencies and attitudes represented by the exit-level outcomes, as a whole or as individual component-processes of the overall learning experience leading to the qualification.

Assignments, designed to meet the requirements of integrated assessment, accomplish/deliver:

- Integration of exit-level outcomes in a way that demonstrates that the purpose of the qualification as a whole has been achieved, either totally or within the components of the study programme.
- Demonstration of learner competence through evaluation.
- Criterion-referenced assessment which:
- o Has been clearly explained to and is understood by the learners.
- o Can be applied in the Recognition of Prior Learning.

In the assessment of whether the desired outcomes have been achieved (or not), recognition is given to criteria and evaluation methods that adequately and appropriately achieve such assessment.

ARTICULATION OPTIONS

Vertical Articulation is possible with:

• ID 49094: Bachelor's Degree in Quantity Surveying at NQF Level 6.

Horizontal Articulation is possible with:

• ID 20447; National Diploma: Surveying at NQF Level 5.

MODERATION OPTIONS

• Anyone assessing a learner or moderating the assessment of a learner against this Qualification must be registered as an assessor with an appropriate Education, Training, and Quality Assurance (ETQA) Body or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.

Source: National Learners' Records Database

- Any institution offering learning that will enable the achievement of this qualification must be accredited as a provider with the relevant ETQA or with an ETQA that has a Memorandum of Understanding with the relevant ETQA. Moderation of assessment will be overseen by the relevant ETQA or by an ETQA that has a Memorandum of Understanding with the relevant ETQA, according to the ETQA's policies and guidelines for assessment and moderation.
- Moderation must include both internal and external moderation of assessments at exit points of the Qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual unit standards as well as in the exit level outcomes described in the qualification.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

For an applicant to register as an assessor, the applicant needs:

- Well-developed interpersonal skills, subject matter and assessment experience.
- To be competent in the planning and conducting assessment of learning outcomes as described in the unit standards Conduct Outcomes-based assessment at NQF Level 5.
- Well-developed subject matter expertise within Quantity Surveying.
- A Qualification in Quantity Surveying at or above NQF Level 5.
- To be registered with the relevant Education and Training Quality Assurance Body.

Detailed documentary proof of educational qualification, practical training undergone, and experience gained by the applicant must be provided (Portfolio of evidence). Assessment competencies and subject matter experience of the assessor can be established by recognition of prior learning.

NOTES

Specified requirements:

Specified requirements include legal and legislative specific requirements contained in one or more of the following documents:

Legal:

- Act 1: The Quantity Surveying Profession Act No 49 of 2000.
- Act 2: The Council for the Built Environment Act No 43 of 2000.
- Act 3: The National Environmental Management Act No 107 of 1998.
- Act 4: The Occupational Health and Safety Act No 85 of 1993.
- Act 5: The Compensation for Occupational Injuries and Diseases Act No 130 of 1993.
- Act 6: The South African Qualifications Authority Act No 58 of 1995.
- Act 7: The Skills Development Act No 97 of 1998.

Context specific issues:

- Specifications, agreements and policies and procedures:
- o The S A Bureau of Standards Specifications (as appropriate).

UNIT STANDARDS

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
Core	9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	Level 4	6
Core	7784	Communicate in a business environment	Level 4	6
Core	12761	Demonstrate an understanding of macroeconomic principles as they apply to the South African business	Level 4	8

Source: National Learners' Records Database

Qualification 58799

05/07/2007

	ID	UNIT STANDARD TITLE	LEVEL	CREDITS
		environment		
Core	110475	Demonstrate and apply a knowledge and understanding of the basic economic concepts central to local economic	Level 4	6
······································	development			
Core	13952	Demonstrate basic understanding of the Primary labour legislation that impacts on a business unit	Level 4	8
Core	12181	Demonstrate knowledge and understanding of basic investment techniques	Level 4	2
Core	14415	Describe and interpret the composition, role-players, processes and role of the construction industry	Level 4	4
Core	117156	Interpret basic financial statements	Level 4	4
Core	14426	Read, interpret and use construction drawings and specifications	Level 4	10
Core	14428	Set out construction work areas	Level 4	10
Core	244490	Undertake elementary descriptive quantification	Level 4	5
Core	7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	Level 4	6
Core	9224	Implement policies regarding HIV/AIDS in the workplace	Level 5	4
Core	120378	Support the project environment and activities to deliver project objectives	Level 5	14
Core	15150	Understand and apply principles relating to the installation of services in building	Level 5	7
Core	244583	Understand the basic principles of South African mercantile law	Level 5	10
Core	244588	Undertake basic descriptive quantification	Level 5	15
Core	115442	Understand and apply building construction technology	Level 6	20
Core	244592	Undertake intermediate descriptive quantification	Level 6	30
Elective	14473	Develop and produce computer aided drawings	Level 4	4
Elective	15137	Apply contract documentation	Level 5	10
Elective	244595	Demonstrate an understanding of macro-economic principles	Level 5	12
Elective	244599	Demonstrate an understanding of micro-economic principles		12
Elective	120360	Demonstrate understanding of financial and accounting principles for public entities	Level 5	12
Elective	15144	Develop and manage quality systems and procedures on a construction project	Level 5	12
Elective	15146	Manage construction project administration	Level 5	8
Elective	15141	Manage construction resources	Level 5	10
Elective	15148	Manage financial aspects of a construction project	Level 5	8
Elective	15136	Manage health and safety on a construction project	Level 5	6
Elective	15143	Manage human resources on a construction project	Level 5	7
Elective	15138	Understand and apply structural principles	Level 5	7
Elective	244555	Understand the basic principles of management theory and practice	Level 5	12
Elective	115453	Understand and apply mathematical systems for commercial applications	Level 6	18
Elective	115448	Understand and apply statistical techniques for business Levi and research applications		18
Fundamental	15139	Manage productivity on a construction project	Level 5	12
Fundamental	15145	Prepare for a construction project	Level 5	15
Fundamental	15147	Tender for construction projects	Level 5	12
	15140	Understand and apply building construction methods	Level 5	10



UNIT STANDARD:

Understand the basic principles of management theory and practice

SAQA US ID	UNIT STANDARD TITLE	UNIT STANDARD TITLE		
244555	Understand the basic principle	Understand the basic principles of management theory and practice		
ORIGINATOR		PROVIDER		
SGB Quantity Surve	eying			
FIELD	SUBFIELD			
12 - Physical Planning and Construction		Physical Planning, Design and Management		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL CREDITS		
Undefined	Regular	Level 5	12	

SPECIFIC OUTCOME 1

Understand the basic principles of contemporary management theory.

SPECIFIC OUTCOME 2

Understand the basic principles of financial management.

SPECIFIC OUTCOME 3

Understand the basic principles of marketing management.

SPECIFIC OUTCOME 4

Understand the basic principles of production management.



UNIT STANDARD:

Understand the basic principles of South African mercantile law

SAQA US ID	UNIT STANDARD TITLE	UNIT STANDARD TITLE		
244583	Understand the basic principl	Understand the basic principles of South African mercantile law		
ORIGINATOR		PROVIDER		
SGB Quantity Surve	eying			
FIELD	LD SUBFIELD			
12 - Physical Planning and Construction		Physical Planning, Design and Management		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL CREDITS		
Undefined	Regular	Level 5	10	

SPECIFIC OUTCOME 1

Understand South African law in historical and comparative perspective.

SPECIFIC OUTCOME 2

Demonstrate knowledge of the general principles of the law of contract and agency.

SPECIFIC OUTCOME 3

Understand the general principles of Purchase and Sale.

SPECIFIC OUTCOME 4

Understand the general principles of Leases.



UNIT STANDARD:

Undertake basic descriptive quantification

SAQA US ID	UNIT STANDARD TITLE	UNIT STANDARD TITLE		
244588	Undertake basic descriptive of	Undertake basic descriptive quantification		
ORIGINATOR		PROVIDER		
SGB Quantity Surv	eying			
FIELD	SUBFIELD			
12 - Physical Plann	12 - Physical Planning and Construction Physical Planning, Design at		Design and Management	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL CREDITS		
Undefined	Regular	Level 5	15	

SPECIFIC OUTCOME 1

Critically appraise the project design.

SPECIFIC OUTCOME 2

Develop a logical approach to the sequence of measurement.

SPECIFIC OUTCOME 3

Take-off quantities on dimension paper.

SPECIFIC OUTCOME 4

Understand and apply measurement clauses.

SPECIFIC OUTCOME 5

Compile price determination documents in schedule format.



UNIT STANDARD:

Undertake intermediate descriptive quantification

SAQA US ID	UNIT STANDARD TITLE	UNIT STANDARD TITLE			
244592	Undertake intermediate desc	Undertake intermediate descriptive quantification			
ORIGINATOR		PROVIDER			
SGB Quantity Survi	eying				
FIELD		SUBFIELD			
12 - Physical Plann	ing and Construction	Construction Physical Planning, Design and Manage			
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL CREDITS			
Undefined	Regular	Level 6	30		

SPECIFIC OUTCOME 1

Critically appraise the project design.

SPECIFIC OUTCOME 2

Develop a logical approach to the sequence of measurement.

SPECIFIC OUTCOME 3

Take-off quantities on dimension paper.

SPECIFIC OUTCOME 4

Understand and apply measurement clauses.

SPECIFIC OUTCOME 5

Compile price determination documents in schedule format.



UNIT STANDARD:

Demonstrate an understanding of macro-economic principles

SAQA US ID	UNIT STANDARD TITLE	UNIT STANDARD TITLE		
244595	Demonstrate an understandir	Demonstrate an understanding of macro-economic principles		
ORIGINATOR		PROVIDER		
SGB Quantity Surv	eying			
FIELD		SUBFIELD		
12 - Physical Plann	ing and Construction	Physical Planning, Design and Managem		
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS	
Undefined	Regular	Level 5	12	

SPECIFIC OUTCOME 1

Understand the concept of national income accounting.

SPECIFIC OUTCOME 2

Understand the principles of money, banking and monetary policy.

SPECIFIC OUTCOME 3

Understand key macro economic controversies facing policy makers.

SPECIFIC OUTCOME 4

Understand the basic principles of international trade and finance.



UNIT STANDARD:

Demonstrate an understanding of mlcro-economic principles

SAQA US ID	UNIT STANDARD TITLE	UNIT STANDARD TITLE		
244599	Demonstrate an understanding	Demonstrate an understanding of micro-economic principles		
ORIGINATOR		PROVIDER		
SGB Quantity Surve	eying	ng		
FIELD	SUBFIELD			
12 - Physical Planning and Construction		Physical Planning,	Design and Management	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS	
Undefined	Regular	Level 5	12	

SPECIFIC OUTCOME 1

Understand the principles of demand, supply and equilibrium.

SPECIFIC OUTCOME 2

Understand the principles of consumer behaviour.

SPECIFIC OUTCOME 3

Understand the principles of the production function and the theory of production cost.

SPECIFIC OUTCOME 4

Understand the principles of different market forms and income distribution.

Printed by and obtainable from the Government Printer, Bosman Street, Private Bag X85, Pretoria, 0001 Publications: Tel: (012) 334-4508, 334-4509, 334-4510

Advertisements: Tel: (012) 334-4508, 334-4509, 334-4510 Advertisements: Tel: (012) 334-4673, 334-4674, 334-4504 Subscriptions: Tel: (012) 334-4735, 334-4736, 334-4737 Cape Town Branch: Tel: (021) 465-7531

Gedruk deur en verkrygbaar by die Staatsdrukker, Bosmanstraat, Privaatsak X85, Pretoria, 0001

Publikasies: Tel: (012) 334-4508, 334-4509, 334-4510 Advertensies: Tel: (012) 334-4673, 334-4674, 334-4504 Subskripsies: Tel: (012) 334-4735, 334-4736, 334-4737 Kaapstad-tak: Tel: (021) 465-7531